

# 30

(30 to 90)

Label the number line and draw an arrow to estimate  $30 \div 10$



Radius = 30 mm  
Diameter = 60mm  
= 6cm

$30 \div 1 = 30$

$30 \div 2 = 15$

$30 \div 4 = 7\text{r}2 \text{ or } 30\frac{1}{2} \text{ or } 30.5$

$30 \div 5 = 6$

$30 \div 8 = 3\text{r}6 \text{ or } 3\frac{3}{4} \text{ or } 3.75$

$30 \div 10 = 3$

Round to the nearest unit

3

$30 \div 100 = 0.3$

Double it

0.6

$30 \times 10 = 300$

Double it and add 200

800

$30 \times 100 = 3000$

Find half and subtract 1200

300

Work out all the factor pairs of 30

1 and 30

2 and 15

3 and 10

5 and 6

Circle the fractions  $30$  which are bigger than  $100$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

$30$  would be rounded down when rounded to the nearest 10 ☒

$30$  is divisible by 8 ☒

$30$  has 4 as a factor ☒

$30$  has more than 2 factor pairs ☒

$30$  is a prime number ☒

$30 + 34 < 68$  ☒

$132 < 30 + 52$  ☒

$30$  is divisible by 3 ☒

$30$  is within 10 of a square number ☒

$30$  is within 15 of a cube number ☒

Start with 30

Divide it by 10 3

Double your answer 6

Subtract 0.9 5.1

Add 3.5 8.6

Multiply it by 10 86

Round to the nearest 10 90

Add 200 290

Round to the nearest 100 300

30 is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between 30 and 100

1	4	9	16	25
36	49	64	81	100

$30 + 70 = 100$

$30 + 970 = 1000$

$30 + 60 = 90$

$30 + 150 = 180$

$30 + 330 = 360$

30 cm

What is the perimeter of this square?

$4 \times 30 \text{ cm} = 120 \text{ cm} = 1.2 \text{ m}$

What is the area?

$30 \text{ cm} \times 30 \text{ cm} = 900 \text{ cm}^2$

Circle the numbers larger than 30

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 31

(30 to 90)

Label the number line and draw an arrow to estimate  $31 \div 10$



Radius = **31** mm  
Diameter =  
**62mm**  
= **6.2cm**

$$31 \div 1 = 31$$

$$31 \div 2 = 15r1 \text{ or } 15 \frac{1}{2} \text{ or } 15.5$$

$$31 \div 4 = 7r3 \text{ or } 7 \frac{3}{4} \text{ or } 7.75$$

$$31 \div 5 = 6r1 \text{ or } 6 \frac{1}{5} \text{ or } 6.2$$

$$31 \div 8 = 3r7 \text{ or } 3 \frac{7}{8}$$

$$31 \div 10 = 3.1 \text{ Round to the nearest unit}$$

**3**

$$31 \div 100 = 0.31 \text{ Double it}$$

**0.62**

$$31 \times 10 = 310 \text{ Double it and add 200}$$

**820**

$$31 \times 100 = 3100 \text{ Find half and subtract 1200}$$

**350**

Work out all the factor pairs of **31**

1 and 31

Circle the fractions **31** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

**31** would be rounded down when rounded to the nearest 10 ☒

**31** is divisible by 8 ☒

**31** has 4 as a factor ☒

**31** has more than 2 factor pairs ☒

**31** is a prime number ☒

**31** + 34 < 68 ☒

132 < **31** + 52 ☒

**31** is divisible by 3 ☒

**31** is within 10 of a square number ☒

**31** is within 15 of a cube number ☒

Start with **31**

Divide it by 10 **3.1**

Double your answer **6.2**

Subtract 0.9 **5.3**

Add 3.5 **8.8**

Multiply it by 10 **88**

Round to the nearest 10 **90**

Add 200 **290**

Round to the nearest 100 **300**

**31** is a multiple of (circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **31** and 100

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	4	9	16	25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	49	64	81	100

$$31 + 69 = 100$$

$$31 + 969 = 1000$$

$$31 + 59 = 90$$

$$31 + 149 = 180$$

$$31 + 329 = 360$$

**31** cm

What is the perimeter of this square?

$$4 \times 31 \text{ cm} = 124 \text{ cm} = 1.24 \text{ m}$$

What is the area?

$$31 \text{ cm} \times 31 \text{ cm} = 961 \text{ cm}^2$$

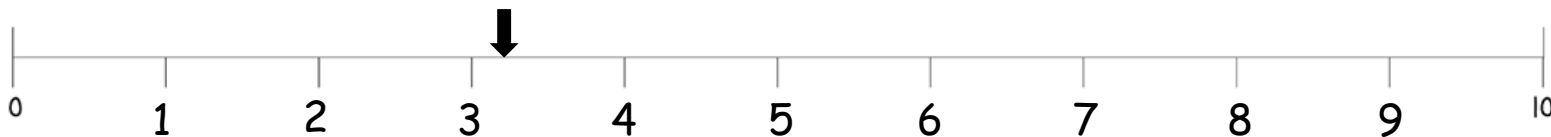
Circle the numbers larger than **31**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 32

(30 to 90)

Label the number line and draw an arrow to estimate  $32 \div 10$



Radius =  $32$  mm  
Diameter =  $64$  mm  
=  $6.4$  cm

$$32 \div 1 = 32$$

$$32 \div 2 = 16$$

$$32 \div 4 = 8$$

$$32 \div 5 = 6r2 \text{ or } 6 \frac{2}{5} \text{ or } 6.4$$

$$32 \div 8 = 4$$

$$32 \div 10 = 3.2$$

Round to the nearest unit

3

$$32 \div 100 = 0.32$$

Double it

0.64

$$32 \times 10 = 320$$

Double it and add 200

840

$$32 \times 100 = 3200$$

Find half and subtract 1200

400

Work out all the factor pairs of  $32$

1 and 32

2 and 16

4 and 8

Circle the fractions  $32$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$32$  would be rounded down when rounded to the nearest 10 ☒

$32$  is divisible by 8 ☒

$32$  has 4 as a factor ☒

$32$  has more than 2 factor pairs ☒

$32$  is a prime number ☒

$32 + 34 < 68$  ☒

$132 < 32 + 52$  ☒

$32$  is divisible by 3 ☒

$32$  is within 10 of a square number ☒

$32$  is within 15 of a cube number ☒

Start with  $32$

Divide it by 10  $3.2$

Double your answer  $6.4$

Subtract 0.9  $5.5$

Add 3.5  $9$

Multiply it by 10  $90$

Round to the nearest 10  $90$

Add 200  $290$

Round to the nearest 100  $300$

$32$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $32$  and 100

1	4	9	16	25
36	49	64	81	100

$$32 + 68 = 100$$

$$32 + 968 = 1000$$

$$32 + 58 = 90$$

$$32 + 148 = 180$$

$$32 + 328 = 360$$

$32$  cm

What is the perimeter of this square?

$$4 \times 32 \text{ cm} = 128 \text{ cm} = 1.28 \text{ m}$$

What is the area?

$$32 \text{ cm} \times 32 \text{ cm} = 1024 \text{ cm}^2$$

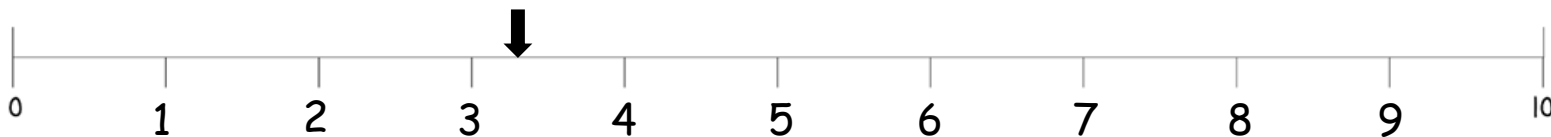
Circle the numbers larger than  $32$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 33

(30 to 90)

Label the number line and draw an arrow to estimate  $33 \div 10$



Radius =  $33$  mm  
Diameter =  $66$  mm  
 $= 6.6$  cm

$$33 \div 1 = 33$$

$$33 \div 2 = 16\text{r}1 \text{ or } 16\frac{1}{2} \text{ or } 16.5$$

$$33 \div 4 = 8\text{r}1 \text{ or } 8\frac{1}{4} \text{ or } 8.25$$

$$33 \div 5 = 6\text{r}3 \text{ or } 6\frac{3}{5} \text{ or } 6.6$$

$$33 \div 8 = 4\text{r}1 \text{ or } 4\frac{1}{8}$$

$$33 \div 10 = 3.3 \text{ Round to the nearest unit } 3$$

$$33 \div 100 = 0.33 \text{ Double it } 0.66$$

$$33 \times 10 = 330 \text{ Double it and add 200 } 860$$

$$33 \times 100 = 3300 \text{ Find half and subtract 1200 } 450$$

Work out all the factor pairs of  $33$

1 and 33

3 and 11

Circle the fractions  $33$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$33$  would be rounded down when rounded to the nearest 10 ☒

$33$  is divisible by 8 ☒

$33$  has 4 as a factor ☒

$33$  has more than 2 factor pairs ☒

$33$  is a prime number ☒

$33 + 34 < 68$  ☒

$132 < 33 + 52$  ☒

$33$  is divisible by 3 ☒

$33$  is within 10 of a square number ☒

$33$  is within 15 of a cube number ☒

Start with  $33$

Divide it by 10  $3.3$

Double your answer  $6.6$

Subtract 0.9  $5.7$

Add 3.5  $9.2$

Multiply it by 10  $92$

Round to the nearest 10  $90$

Add 200  $290$

Round to the nearest 100  $300$

$33$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $33$  and 100

1	4	9	16	25
36	49	64	81	100

$$33 + 67 = 100$$

$$33 + 967 = 1000$$

$$33 + 57 = 90$$

$$33 + 147 = 180$$

$$33 + 327 = 360$$

$33$  cm

What is the perimeter of this square?

$$4 \times 33 \text{ cm} = 132 \text{ cm} = 1.32 \text{ m}$$

What is the area?

$$33 \text{ cm} \times 33 \text{ cm} = 1089 \text{ cm}^2$$

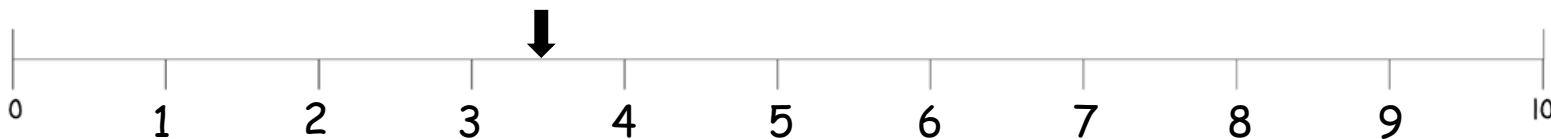
Circle the numbers larger than  $33$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 34

(30 to 90)

Label the number line and draw an arrow to estimate  $34 \div 10$



Radius =  $34$  mm  
Diameter =  $68$  mm  
 $= 6.8$  cm

$$34 \div 1 = 34$$

$$34 \div 2 = 17$$

$$34 \div 4 = 8r2 \text{ or } 8\frac{1}{2} \text{ or } 8.5$$

$$34 \div 5 = 6r4 \text{ or } 6\frac{4}{5} \text{ or } 6.8$$

$$34 \div 8 = 4r2 \text{ or } 4\frac{1}{4} \text{ or } 4.25$$

$$34 \div 10 = 3.4 \text{ Round to the nearest unit } 3$$

$$34 \div 100 = 0.34 \text{ Double it } 0.68$$

$$34 \times 10 = 340 \text{ Double it and add 200 } 880$$

$$34 \times 100 = 3400 \text{ Find half and subtract 1200 } 500$$

Work out all the factor pairs of  $34$

1 and 34

2 and 17

Circle the fractions  $34$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$34$  would be rounded down when rounded to the nearest 10 ☒

$34$  is divisible by 8 ☐

$34$  has 4 as a factor ☐

$34$  has more than 2 factor pairs ☐

$34$  is a prime number ☐

$34 + 34 < 68$  ☐

$132 < 34 + 52$  ☐

$34$  is divisible by 3 ☐

$34$  is within 10 of a square number ☒

$34$  is within 15 of a cube number ☒

Start with  $34$

Divide it by 10  $3.4$

Double your answer  $6.8$

Subtract 0.9  $5.9$

Add 3.5  $9.4$

Multiply it by 10  $94$

Round to the nearest 10  $90$

Add 200  $290$

Round to the nearest 100  $300$

$34$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $34$  and 100

1	4	9	16	25
36	49	64	81	100

$$34 + 66 = 100$$

$$34 + 966 = 1000$$

$$34 + 56 = 90$$

$$34 + 146 = 180$$

$$34 + 326 = 360$$

$34$  cm

What is the perimeter of this square?

$$4 \times 34 \text{ cm} = 136 \text{ cm} = 1.36 \text{ m}$$

What is the area?

$$34 \text{ cm} \times 34 \text{ cm} = 1156 \text{ cm}^2$$

Circle the numbers larger than  $34$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 35

(30 to 90)

Label the number line and draw an arrow to estimate  $35 \div 10$



Radius = **35** mm  
Diameter =  
**70mm**  
= **7cm**

$$35 \div 1 = 35$$

$$35 \div 2 = 17\text{r}1 \text{ or } 17\frac{1}{2} \text{ or } 17.5$$

$$35 \div 4 = 8\text{r}3 \text{ or } 8\frac{3}{4} \text{ or } 8.75$$

$$35 \div 5 = 7$$

$$35 \div 8 = 4\text{r}3 \text{ or } 4\frac{3}{8}$$

$$35 \div 10 = 3.5$$

Round to the nearest unit

**3**

$$35 \div 100 = 0.35$$

Double it

**0.70**

$$35 \times 10 = 350$$

Double it and add 200

**900**

$$35 \times 100 = 3500$$

Find half and subtract 1200

**550**

Work out all the factor pairs of **35**

1 and 35

5 and 7

Circle the fractions **35** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

**35** would be rounded down when rounded to the nearest 10 **x**

**35** is divisible by 8 **x**

**35** has 4 as a factor **x**

**35** has more than 2 factor pairs **x**

**35** is a prime number **x**

**35** + 34 < 68 **x**

132 < **35** + 52 **x**

**35** is divisible by 3 **x**

**35** is within 10 of a square number **✓**

**35** is within 15 of a cube number **✓**

Start with **35**

Divide it by 10 **3.5**

Double your answer **7.0**

Subtract 0.9 **6.1**

Add 3.5 **9.6**

Multiply it by 10 **96**

Round to the nearest 10 **100**

Add 200 **300**

Round to the nearest 100 **300**

**35** is a multiple of (circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **35** and 100

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	4	9	16	25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	49	64	81	100

$$35 + 65 = 100$$

$$35 + 965 = 1000$$

$$35 + 55 = 90$$

$$35 + 145 = 180$$

$$35 + 325 = 360$$

**35** cm

What is the perimeter of this square?

$$4 \times 35 \text{ cm} = 140\text{cm} = 1.40\text{m}$$

What is the area?

$$35 \text{ cm} \times 35 \text{ cm} = 1225 \text{ cm}^2$$

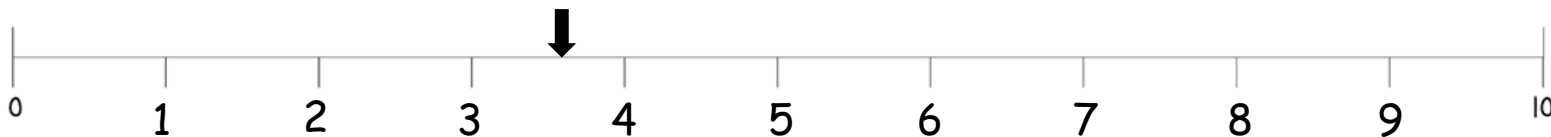
Circle the numbers larger than **35**

XXV (25)	<input type="checkbox"/>	LVI (56)
XXXIII (33)	<input type="checkbox"/>	LXXXIII (83)
<input type="checkbox"/>	<input type="checkbox"/>	LXXII (72)
LXXXVI (86)	<input type="checkbox"/>	C (100)
XXIX (29)	<input type="checkbox"/>	XIV (14)
<input type="checkbox"/>	<input type="checkbox"/>	

# 36

(30 to 90)

Label the number line and draw an arrow to estimate  $36 \div 10$



Radius = **36** mm  
Diameter =  
**72mm**  
= **7.2cm**

$$36 \div 1 = 36$$

$$36 \div 2 = 18$$

$$36 \div 4 = 9$$

$$36 \div 5 = 7\text{r}1 \text{ or } 7 \frac{1}{5} \text{ or } 7.2$$

$$36 \div 8 = 4\text{r}4 \text{ or } 4 \frac{1}{2} \text{ or } 4.5$$

$$36 \div 10 = 3.6 \quad \text{Round to the nearest unit}$$

**4**

$$36 \div 100 = 0.36 \quad \text{Double it}$$

**0.72**

$$36 \times 10 = 360 \quad \text{Double it and add 200}$$

**920**

$$36 \times 100 = 3600 \quad \text{Find half and subtract 1200}$$

**600**

Work out all the factor pairs of **36**

1 and 36

2 and 18

3 and 12

4 and 9

6 and 6

Circle the fractions **36** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**36** would be rounded down when rounded to the nearest 10 **x**

**36** is divisible by 8 **x**

**36** has 4 as a factor **✓**

**36** has more than 2 factor pairs **✓**

**36** is a prime number **x**

**36** + 34 < 68 **x**

132 < **36** + 52 **x**

**36** is divisible by 3 **✓**

**36** is within 10 of a square number **✓**

**36** is within 15 of a cube number **✓**

Start with **36**

Divide it by 10 **3.6**

Double your answer **7.2**

Subtract 0.9 **6.3**

Add 3.5 **9.8**

Multiply it by 10 **98**

Round to the nearest 10 **100**

Add 200 **300**

Round to the nearest 100 **300**

**36** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **36** and 100

1	4	9	16	25
36	49	64	81	100

$$36 + 64 = 100$$

$$36 + 964 = 1000$$

$$36 + 54 = 90$$

$$36 + 144 = 180$$

$$36 + 324 = 360$$

**36** cm

What is the perimeter of this square?

$$4 \times 36\text{cm} = 144\text{cm} = 1.44\text{m}$$

What is the area?

$$36\text{ cm} \times 36\text{ cm} = 1296\text{ cm}^2$$

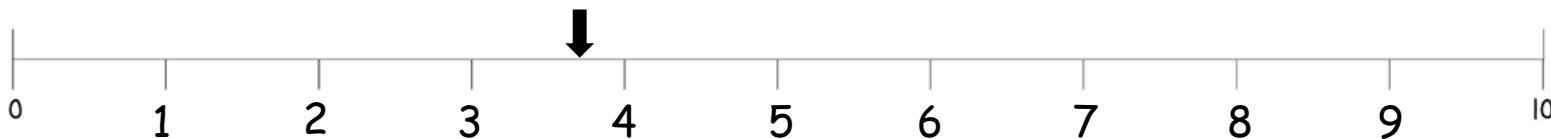
Circle the numbers larger than **36**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 37

(30 to 90)

Label the number line and draw an arrow to estimate  $37 \div 10$



Radius =  $37$  mm  
Diameter =  $74$  mm  
 $= 7.4$  cm

$$37 \div 1 = 37$$

$$37 \div 2 = 18\text{r}1 \text{ or } 18\frac{1}{2} \text{ or } 18.5$$

$$37 \div 4 = 9\text{r}1 \text{ or } 9\frac{1}{4} \text{ or } 9.25$$

$$37 \div 5 = 7\text{r}2 \text{ or } 7\frac{2}{5} \text{ or } 7.4$$

$$37 \div 8 = 4\text{r}5 \text{ or } 4\frac{5}{8}$$

$$37 \div 10 = 3.7 \quad \text{Round to the nearest unit} \quad 4$$

$$37 \div 100 = 0.37 \quad \text{Double it} \quad 0.74$$

$$37 \times 10 = 370 \quad \text{Double it and add 200} \quad 940$$

$$37 \times 100 = 3700 \quad \text{Find half and subtract 1200} \quad 650$$

Work out all the factor pairs of  $37$

1 and 37

Circle the fractions  $37$  which are bigger than  $100$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

$37$  would be rounded down when rounded to the nearest 10 ☒

$37$  is divisible by 8 ☒

$37$  has 4 as a factor ☒

$37$  has more than 2 factor pairs ☒

$37$  is a prime number ☒

$37 + 34 < 68$  ☒

$132 < 37 + 52$  ☒

$37$  is divisible by 3 ☒

$37$  is within 10 of a square number ☒

$37$  is within 15 of a cube number ☒

Start with  $37$

Divide it by 10  $3.7$

Double your answer  $7.4$

Subtract 0.9  $6.5$

Add 3.5  $10$

Multiply it by 10  $100$

Round to the nearest 10  $100$

Add 200  $300$

Round to the nearest 100  $300$

$37$  is a multiple of (circle)

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12

List the first 10 square numbers and circle any which are between  $37$  and 100

1	4	9	16	25
36	<input type="checkbox"/> 49	<input type="checkbox"/> 64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$37 + 63 = 100$$

$$37 + 963 = 1000$$

$$37 + 53 = 90$$

$$37 + 143 = 180$$

$$37 + 323 = 360$$

$37$  cm

What is the perimeter of this square?

$$4 \times 37\text{cm} = 148\text{cm} = 1.48\text{m}$$

What is the area?

$$37\text{ cm} \times 37\text{ cm} = 1369\text{ cm}^2$$

Circle the numbers larger than  $37$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 38

(30 to 90)

Label the number line and draw an arrow to estimate  $38 \div 10$



Radius = **38** mm  
Diameter =  
**76mm**  
= **7.6cm**

$$38 \div 1 = 38$$

$$38 \div 2 = 19$$

$$38 \div 4 = 9\text{r}2 \text{ or } 9\frac{1}{2} \text{ or } 9.5$$

$$38 \div 5 = 7\text{r}3 \text{ or } 7\frac{3}{5} \text{ or } 7.6$$

$$38 \div 8 = 4\text{r}6 \text{ or } 4\frac{3}{4} \text{ or } 4.75$$

$$38 \div 10 = 3.8$$

Round to the nearest unit

**4**

$$38 \div 100 = 0.38$$

Double it

**0.76**

$$38 \times 10 = 380$$

Double it and add 200

**960**

$$38 \times 100 = 3800$$

Find half and subtract 1200

**700**

Work out all the factor pairs of **38**

1 and 38

2 and 19

Circle the fractions **38** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**38** would be rounded down when rounded to the nearest 10 ☒

**38** is divisible by 8 ☒

**38** has 4 as a factor ☒

**38** has more than 2 factor pairs ☒

**38** is a prime number ☒

**38** + 34 < 68 ☒

132 < **38** + 52 ☒

**38** is divisible by 3 ☒

**38** is within 10 of a square number ☒

**38** is within 15 of a cube number ☒

Start with **38**

Divide it by 10 **3.8**

Double your answer **7.6**

Subtract 0.9 **6.7**

Add 3.5 **10.2**

Multiply it by 10 **102**

Round to the nearest 10 **100**

Add 200 **300**

Round to the nearest 100 **300**

**38** is a multiple of (circle)

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12

List the first 10 square numbers and circle any which are between **38** and 100

1	4	9	16	25
36	<input type="checkbox"/> 49	<input type="checkbox"/> 64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$38 + 62 = 100$$

$$38 + 962 = 1000$$

$$38 + 52 = 90$$

$$38 + 142 = 180$$

$$38 + 322 = 360$$

**38** cm

What is the perimeter of this square?

$$4 \times 38\text{cm} = 152\text{cm} = 1.52\text{m}$$

What is the area?

$$38\text{ cm} \times 38\text{ cm} = 1444\text{ cm}^2$$

Circle the numbers larger than **38**

XXV (25)	<input type="checkbox"/> LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	<input type="checkbox"/> C (100)
<input type="checkbox"/> XCVI (96)	<input type="checkbox"/> XIV (14)

# 39

(30 to 90)

Label the number line and draw an arrow to estimate  $39 \div 10$



Radius = **39** mm  
Diameter =  
**78mm**  
= **7.8cm**

$$39 \div 1 = 39$$

$$39 \div 2 = 19\text{r}1 \text{ or } 19\frac{1}{2} \text{ or } 19.5$$

$$39 \div 4 = 9\text{r}3 \text{ or } 9\frac{3}{4} \text{ or } 9.75$$

$$39 \div 5 = 7\text{r}4 \text{ or } 7\frac{4}{5} \text{ or } 7.8$$

$$39 \div 8 = 4\text{r}7 \text{ or } 4\frac{7}{8}$$

$$39 \div 10 = 3.9$$

Round to the nearest unit

**4**

$$39 \div 100 = 0.39$$

Double it

**0.78**

$$39 \times 10 = 390$$

Double it and add 200

**980**

$$39 \times 100 = 3900$$

Find half and subtract 1200

**750**

Work out all the factor pairs of **39**

1 and 39

3 and 13

Circle the fractions **39** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**39** would be rounded down when rounded to the nearest 10 **x**

**39** is divisible by 8 **x**

**39** has 4 as a factor **x**

**39** has more than 2 factor pairs **x**

**39** is a prime number **x**

**39** + 34 < 68 **x**

132 < **39** + 52 **x**

**39** is divisible by 3 **✓**

**39** is within 10 of a square number **✓**

**39** is within 15 of a cube number **✓**

Start with **39**

Divide it by 10 **3.9**

Double your answer **7.8**

Subtract 0.9 **6.9**

Add 3.5 **10.4**

Multiply it by 10 **104**

Round to the nearest 10 **100**

Add 200 **300**

Round to the nearest 100 **300**

**39** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **39** and 100

1	4	9	16	25
36	49	64	81	100

$$39 + 61 = 100$$

$$39 + 961 = 1000$$

$$39 + 51 = 90$$

$$39 + 141 = 180$$

$$39 + 321 = 360$$

**39** cm

What is the perimeter of this square?

$$4 \times 39\text{cm} = 156\text{cm} = 1.56\text{m}$$

What is the area?

$$39\text{ cm} \times 39\text{ cm} = 1521\text{ cm}^2$$

Circle the numbers larger than **39**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 40

(30 to 90)

Label the number line and draw an arrow to estimate  $40 \div 10$



Radius = **40** mm  
Diameter =  
**80mm**  
= **8cm**

$$40 \div 1 = 40$$

$$40 \div 2 = 20$$

$$40 \div 4 = 10$$

$$40 \div 5 = 8$$

$$40 \div 8 = 5$$

$$40 \div 10 = 4$$

Round to the nearest unit

**4**

$$40 \div 100 = 0.4$$

Double it

**0.8**

$$40 \times 10 = 400$$

Double it and add 200

**1000**

$$40 \times 100 = 4000$$

Find half and subtract 1200

**800**

Work out all the factor pairs of **40**

1 and 40

2 and 20

4 and 10

5 and 8

Circle the fractions **40** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**40** would be rounded down when rounded to the nearest 10 **x**

**40** is divisible by 8 **✓**

**40** has 4 as a factor **✓**

**40** has more than 2 factor pairs **✓**

**40** is a prime number **x**

**40** + 34 < 68 **x**

132 < **40** + 52 **x**

**40** is divisible by 3 **x**

**40** is within 10 of a square number **✓**

**40** is within 15 of a cube number **✓**

Start with **40**

Divide it by 10 **4**

Double your answer **8**

Subtract 0.9 **7.1**

Add 3.5 **10.6**

Multiply it by 10 **106**

Round to the nearest 10 **110**

Add 200 **310**

Round to the nearest 100 **300**

**40** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **40** and 100

1	4	9	16	25
36	49	64	81	100

$$40 + 60 = 100$$

$$40 + 960 = 1000$$

$$40 + 50 = 90$$

$$40 + 140 = 180$$

$$40 + 320 = 360$$

**40** cm

What is the perimeter of this square?

$$4 \times 40 \text{ cm} = 160 \text{ cm} = 1.6 \text{ m}$$

What is the area?

$$40 \text{ cm} \times 40 \text{ cm} = 1600 \text{ cm}^2$$

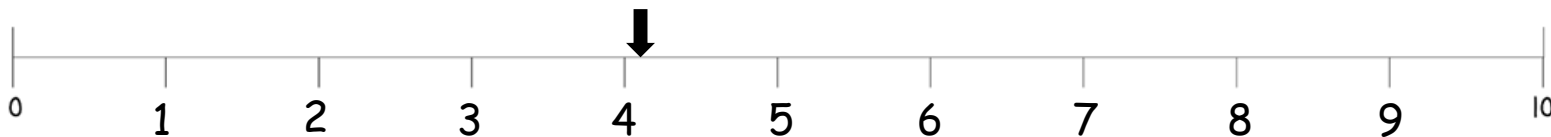
Circle the numbers larger than **40**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 41

(30 to 90)

Label the number line and draw an arrow to estimate  $41 \div 10$



Radius = **41** mm  
Diameter =  
**82mm**  
= **8.2cm**

$$41 \div 1 = 41$$

$$41 \div 2 = 20\text{r}1 \text{ or } 20\frac{1}{2} \text{ or } 20.5$$

$$41 \div 4 = 10\text{r}1 \text{ or } 10\frac{1}{4} \text{ or } 10.25$$

$$41 \div 5 = 8\text{r}1 \text{ or } 8\frac{1}{5} \text{ or } 8.2$$

$$41 \div 8 = 5\text{r}1 \text{ or } 5\frac{1}{8}$$

$$41 \div 10 = 4.1$$

Round to the nearest unit

**4**

$$41 \div 100 = 0.41$$

Double it

**0.82**

$$41 \times 10 = 410$$

Double it and add 200

**1020**

$$41 \times 100 = 4100$$

Find half and subtract 1200

**850**

Work out all the factor pairs of **41**

1 and 41

Circle the fractions **41** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**41** would be rounded down when rounded to the nearest 10 ☒

**41** is divisible by 8 ☒

**41** has 4 as a factor ☒

**41** has more than 2 factor pairs ☒

**41** is a prime number ☒

**41** + 34 < 68 ☒

132 < **41** + 52 ☒

**41** is divisible by 3 ☒

**41** is within 10 of a square number ☒

**41** is within 15 of a cube number ☒

Start with **41**

Divide it by 10 **4.1**

Double your answer **8.2**

Subtract 0.9 **7.3**

Add 3.5 **10.8**

Multiply it by 10 **108**

Round to the nearest 10 **110**

Add 200 **310**

Round to the nearest 100 **300**

**41** is a multiple of (circle)

<input type="checkbox"/> 1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **41** and 100

1	4	9	16	25
36	<input type="checkbox"/> 49	64	81	100

$$41 + 59 = 100$$

$$41 + 959 = 1000$$

$$41 + 49 = 90$$

$$41 + 139 = 180$$

$$41 + 319 = 360$$

**41** cm

What is the perimeter of this square?

$$4 \times 41 \text{ cm} = 164 \text{ cm} = 1.64 \text{ m}$$

What is the area?

$$41 \text{ cm} \times 41 \text{ cm} = 1681 \text{ cm}^2$$

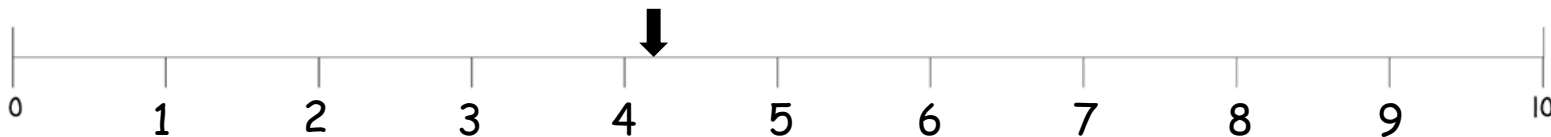
Circle the numbers larger than **41**

XXV (25)	<input type="checkbox"/> LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	<input type="checkbox"/> C (100)
<input type="checkbox"/> XCVI (96)	<input type="checkbox"/> XIV (14)

# 42

(30 to 90)

Label the number line and draw an arrow to estimate  $42 \div 10$



Radius = **42** mm  
Diameter =  
**84mm**  
= **8.4cm**

$$42 \div 1 = 42$$

$$42 \div 2 = 21$$

$$42 \div 4 = 10\text{r}2 \text{ or } 10\frac{1}{2} \text{ or } 10.5$$

$$42 \div 5 = 8\text{r}2 \text{ or } 8\frac{2}{5} \text{ or } 8.4$$

$$42 \div 8 = 5\text{r}2 \text{ or } 5\frac{1}{4} \text{ or } 5.25$$

$$42 \div 10 = 4.2 \quad \text{Round to the nearest unit}$$

**4**

$$42 \div 100 = 0.42 \quad \text{Double it}$$

**0.84**

$$42 \times 10 = 420 \quad \text{Double it and add 200}$$

**1040**

$$42 \times 100 = 4200 \quad \text{Find half and subtract 1200}$$

**900**

Work out all the factor pairs of **42**

1 and 42

2 and 21

6 and 7

3 and 14

Circle the fractions **42** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**42** would be rounded down when rounded to the nearest 10 ☒

**42** is divisible by 8 ☒

**42** has 4 as a factor ☒

**42** has more than 2 factor pairs ☒

**42** is a prime number ☒

**42** + 34 < 68 ☒

132 < **42** + 52 ☒

**42** is divisible by 3 ☒

**42** is within 10 of a square number ☒

**42** is within 15 of a cube number ☒

Start with **42**

Divide it by 10 **4.2**

Double your answer **8.4**

Subtract 0.9 **7.5**

Add 3.5 **11**

Multiply it by 10 **110**

Round to the nearest 10 **110**

Add 200 **310**

Round to the nearest 100 **300**

**42** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **42** and 100

1	4	9	16	25
36	49	64	81	100

$$42 + 58 = 100$$

$$42 + 958 = 1000$$

$$42 + 48 = 90$$

$$42 + 138 = 180$$

$$42 + 318 = 360$$

**42** cm

What is the perimeter of this square?

$$4 \times 42 \text{ cm} = 168 \text{ cm} = 1.68 \text{ m}$$

What is the area?

$$42 \text{ cm} \times 42 \text{ cm} = 1764 \text{ cm}^2$$

Circle the numbers larger than **42**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 43

(30 to 90)

Label the number line and draw an arrow to estimate  $43 \div 10$



Radius = **43** mm  
Diameter =  
**86mm**  
= 8.6cm

$$43 \div 1 = 43$$

$$43 \div 2 = 21\text{r } 1 \text{ or } 21\frac{1}{2} \text{ or } 21.5$$

$$43 \div 4 = 10\text{r } 3 \text{ or } 10\frac{3}{4} \text{ or } 10.75$$

$$43 \div 5 = 8\text{r } 3 \text{ or } 8\frac{3}{5} \text{ or } 8.6$$

$$43 \div 8 = 5\text{r } 3 \text{ or } 5\frac{3}{8}$$

$$43 \div 10 = 4.3$$

Round to the nearest unit

**4**

$$43 \div 100 = 0.43$$

Double it

**0.86**

$$43 \times 10 = 430$$

Double it and add 200

**1060**

$$43 \times 100 = 4300$$

Find half and subtract 1200

**950**

Work out all the factor pairs of **43**

1 and 43

Circle the fractions **43** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**43** would be rounded down when rounded to the nearest 10 ☒

**43** is divisible by 8 ☒

**43** has 4 as a factor ☒

**43** has more than 2 factor pairs ☒

**43** is a prime number ☒

**43** + 34 < 68 ☒

132 < **43** + 52 ☒

**43** is divisible by 3 ☒

**43** is within 10 of a square number ☒

**43** is within 15 of a cube number ☒

Start with **43**

Divide it by 10 **4.3**

Double your answer **8.6**

Subtract 0.9 **7.7**

Add 3.5 **11.2**

Multiply it by 10 **112**

Round to the nearest 10 **110**

Add 200 **310**

Round to the nearest 100 **300**

**43** is a multiple of (circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **43** and 100

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	4	9	16	25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	49	64	81	100

$$43 + 57 = 100$$

$$43 + 957 = 1000$$

$$43 + 47 = 90$$

$$43 + 137 = 180$$

$$43 + 317 = 360$$

**43** cm

What is the perimeter of this square?

$$4 \times 43 \text{ cm} = 172 \text{ cm} = 1.72 \text{ m}$$

What is the area?

$$43 \text{ cm} \times 43 \text{ cm} = 1849 \text{ cm}^2$$

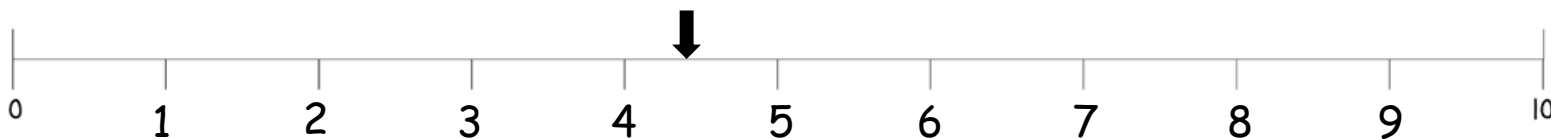
Circle the numbers larger than **43**

XXV (25)	<input type="checkbox"/>	LVI (56)
XXXIII (33)	<input type="checkbox"/>	LXXXIII (83)
<input type="checkbox"/>	<input type="checkbox"/>	LXXII (72)
LXXXVI (86)	<input type="checkbox"/>	C (100)
XXIX (29)	<input type="checkbox"/>	XIV (14)
<input type="checkbox"/>	<input type="checkbox"/>	

# 44

(30 to 90)

Label the number line and draw an arrow to estimate  $44 \div 10$



Radius = **44** mm  
Diameter =  
**88mm**  
= **8.8cm**

$$44 \div 1 = 42$$

$$44 \div 2 = 22$$

$$44 \div 4 = 11$$

$$44 \div 5 = 8r4 \text{ or } 8 \frac{4}{5} \text{ or } 8.8$$

$$44 \div 8 = 5r4 \text{ or } 5 \frac{1}{2} \text{ or } 5.5$$

$$44 \div 10 = 4.4 \text{ Round to the nearest unit}$$

**4**

$$44 \div 100 = 0.44 \text{ Double it}$$

**0.88**

$$44 \times 10 = 440 \text{ Double it and add 200}$$

**1080**

$$44 \times 100 = 4400 \text{ Find half and subtract 1200}$$

**1000**

Work out all the factor pairs of **44**

1 and 44

2 and 22

4 and 11

Circle the fractions **44** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**44** would be rounded down when rounded to the nearest 10 ☒

**44** is divisible by 8 ☒

**44** has 4 as a factor ☒

**44** has more than 2 factor pairs ☒

**44** is a prime number ☒

**44** + 34 < 68 ☒

132 < **44** + 52 ☒

**44** is divisible by 3 ☒

**44** is within 10 of a square number ☒

**44** is within 15 of a cube number ☒

Start with **44**

Divide it by 10 **4.4**

Double your answer **8.8**

Subtract 0.9 **7.9**

Add 3.5 **11.4**

Multiply it by 10 **114**

Round to the nearest 10 **110**

Add 200 **310**

Round to the nearest 100 **300**

**44** is a multiple of (circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6
7	8	9	10	<input type="checkbox"/>	12
				11	

List the first 10 square numbers and circle any which are between **44** and 100

1	4	9	16	25
36	<input type="checkbox"/>	64	<input type="checkbox"/>	100
	49		81	

$$44 + 56 = 100$$

$$44 + 956 = 1000$$

$$44 + 46 = 90$$

$$44 + 136 = 180$$

$$44 + 316 = 360$$

**44** cm

What is the perimeter of this square?

$$4 \times 44 \text{ cm} = 176 \text{ cm} = 1.76 \text{ m}$$

What is the area?

$$44 \text{ cm} \times 44 \text{ cm} = 1936 \text{ cm}^2$$

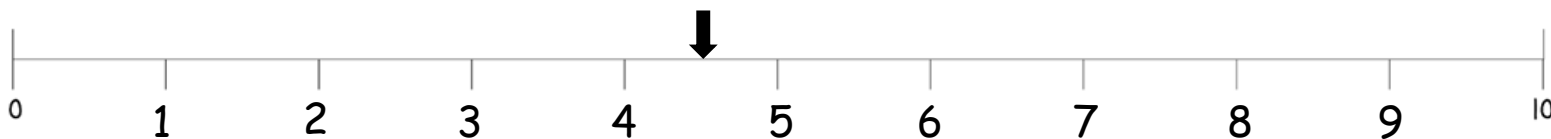
Circle the numbers larger than **44**

XXV (25)	<input type="checkbox"/>	LVI (56)
XXXIII (33)	<input type="checkbox"/>	LXXXIII (83)
<input type="checkbox"/>	<input type="checkbox"/>	LXXII (72)
LXXXVI (86)	<input type="checkbox"/>	C (100)
XXIX (29)	<input type="checkbox"/>	XIV (14)
<input type="checkbox"/>	<input type="checkbox"/>	

# 45

(30 to 90)

Label the number line and draw an arrow to estimate  $45 \div 10$



Radius = **45** mm  
Diameter =  
**90mm**  
= **9cm**

$$45 \div 1 = 45$$

$$45 \div 2 = 22\text{r}1 \text{ or } 22\frac{1}{2} \text{ or } 22.5$$

$$45 \div 4 = 11\text{r}1 \text{ or } 11\frac{1}{4} \text{ or } 11.25$$

$$45 \div 5 = 9$$

$$45 \div 8 = 5\text{r}5 \text{ or } 5\frac{5}{8}$$

$$45 \div 10 = 4.5$$

Round to the nearest unit

**4**

$$45 \div 100 = 0.45$$

Double it

**0.9**

$$45 \times 10 = 450$$

Double it and add 200

**1100**

$$45 \times 100 = 4500$$

Find half and subtract 1200

**1050**

Work out all the factor pairs of **45**

1 and 45

3 and 15

5 and 9

Circle the fractions **45** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**45** would be rounded down when rounded to the nearest 10 **x**

**45** is divisible by 8 **x**

**45** has 4 as a factor **✓**

**45** has more than 2 factor pairs **✓**

**45** is a prime number **x**

**45** + 34 < 68 **x**

132 < **45** + 52 **x**

**45** is divisible by 3 **✓**

**45** is within 10 of a square number **✓**

**45** is within 15 of a cube number **x**

Start with **45**

Divide it by 10 **4.5**

Double your answer **9.0**

Subtract 0.9 **8.1**

Add 3.5 **11.6**

Multiply it by 10 **116**

Round to the nearest 10 **120**

Add 200 **320**

Round to the nearest 100 **300**

**45** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **45** and 100

1	4	9	16	25
36	49	64	81	100

$$45 + 55 = 100$$

$$45 + 955 = 1000$$

$$45 + 45 = 90$$

$$45 + 135 = 180$$

$$45 + 315 = 360$$

**45** cm

What is the perimeter of this square?

$$4 \times 45 \text{ cm} = 180 \text{ cm} = 1.8 \text{ m}$$

What is the area?

$$45 \text{ cm} \times 45 \text{ cm} = 2025 \text{ cm}^2$$

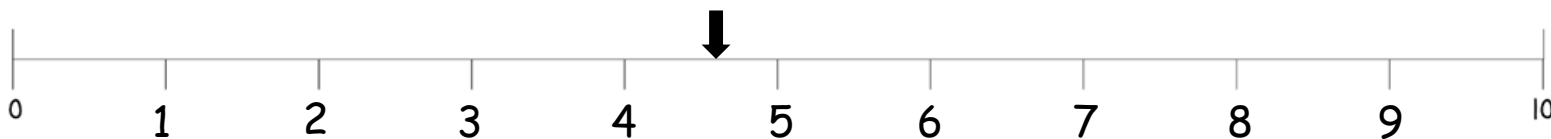
Circle the numbers larger than **45**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 46

(30 to 90)

Label the number line and draw an arrow to estimate  $46 \div 10$



Radius = **46** mm  
Diameter =  
**92mm**  
= **9.2cm**

$$46 \div 1 = 46$$

$$46 \div 2 = 23$$

$$46 \div 4 = 11\text{r}2 \text{ or } 11\frac{1}{2} \text{ or } 11.5$$

$$46 \div 5 = 9\text{r}1 \text{ or } 9\frac{1}{5} \text{ or } 9.2$$

$$46 \div 8 = 5\text{r}6 \text{ or } 5\frac{3}{4} \text{ or } 5.75$$

$$46 \div 10 = 4.6 \quad \text{Round to the nearest unit}$$

**5**

$$46 \div 100 = 0.46 \quad \text{Double it}$$

**0.92**

$$46 \times 10 = 460 \quad \text{Double it and add 200}$$

**1120**

$$46 \times 100 = 4600 \quad \text{Find half and subtract 1200}$$

**1100**

Work out all the factor pairs of **46**

1 and 46

2 and 23

Circle the fractions **46** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**46** would be rounded down when rounded to the nearest 10 **x**

**46** is divisible by 8 **x**

**46** has 4 as a factor **x**

**46** has more than 2 factor pairs **x**

**46** is a prime number **x**

**46** + 34 < 68 **x**

132 < **46** + 52 **x**

**46** is divisible by 3 **x**

**46** is within 10 of a square number **✓**

**46** is within 15 of a cube number **x**

Start with **46**

Divide it by 10 **4.6**

Double your answer **9.2**

Subtract 0.9 **8.3**

Add 3.5 **11.8**

Multiply it by 10 **118**

Round to the nearest 10 **120**

Add 200 **320**

Round to the nearest 100 **300**

**46** is a multiple of (circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **46** and 100

1	4	9	16	25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	49	64	81	100
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

$$46 + 54 = 100$$

$$46 + 954 = 1000$$

$$46 + 44 = 90$$

$$46 + 134 = 180$$

$$46 + 314 = 360$$

**46** cm

What is the perimeter of this square?

$$4 \times 46 \text{ cm} = 184 \text{ cm} = 1.84 \text{ m}$$

What is the area?

$$46 \text{ cm} \times 46 \text{ cm} = 2116 \text{ cm}^2$$

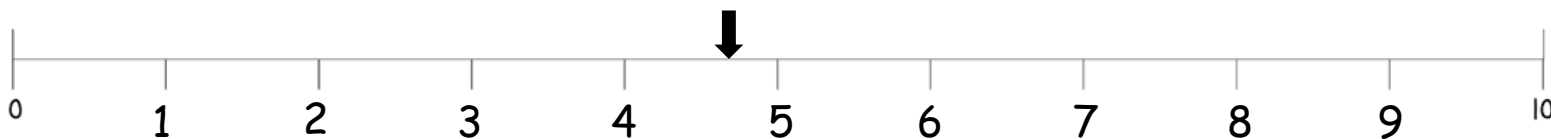
Circle the numbers larger than **46**

XXV (25)	<input type="checkbox"/>	LVI (56)
XXXIII (33)	<input type="checkbox"/>	LXXXIII (83)
<input type="checkbox"/>	<input type="checkbox"/>	LXXII (72)
LXXXVI (86)	<input type="checkbox"/>	C (100)
XXIX (29)	<input type="checkbox"/>	XIV (14)
<input type="checkbox"/>	<input type="checkbox"/>	

# 47

(30 to 90)

Label the number line and draw an arrow to estimate  $47 \div 10$



Radius =  $47$  mm  
Diameter =  $94$  mm  
 $= 9.4$  cm

$$47 \div 1 = 47$$

$$47 \div 2 = 23\text{r}1 \text{ or } 23\frac{1}{2} \text{ or } 23.5$$

$$47 \div 4 = 11\text{r}3 \text{ or } 11\frac{3}{4} \text{ or } 11.75$$

$$47 \div 5 = 9\text{r}2 \text{ or } 9\frac{2}{5} \text{ or } 9.4$$

$$47 \div 8 = 5\text{r}7 \text{ or } 5\frac{7}{8}$$

$$47 \div 10 = 4.7 \text{ Round to the nearest unit}$$

5

$$47 \div 100 = 0.47 \text{ Double it}$$

0.94

$$47 \times 10 = 470 \text{ Double it and add 200}$$

1140

$$47 \times 100 = 4700 \text{ Find half and subtract 1200}$$

1150

Work out all the factor pairs of  $47$

1 and 47

Circle the fractions  $47$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$47$  would be rounded down when rounded to the nearest 10 ☒

$47$  is divisible by 8 ☒

$47$  has 4 as a factor ☒

$47$  has more than 2 factor pairs ☒

$47$  is a prime number ☒

$47 + 34 < 68$  ☒

$132 < 47 + 52$  ☒

$47$  is divisible by 3 ☒

$47$  is within 10 of a square number ☒

$47$  is within 15 of a cube number ☒

Start with  $47$

Divide it by 10  $4.7$

Double your answer  $9.4$

Subtract 0.9  $8.5$

Add 3.5  $12$

Multiply it by 10  $120$

Round to the nearest 10  $120$

Add 200  $320$

Round to the nearest 100  $300$

$47$  is a multiple of (circle)

<input type="checkbox"/> 1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $47$  and 100

1	4	9	16	25
36	<input type="checkbox"/> 49	64	81	100

$$47 + 53 = 100$$

$$47 + 953 = 1000$$

$$47 + 43 = 90$$

$$47 + 133 = 180$$

$$47 + 313 = 360$$

$47$  cm

What is the perimeter of this square?

$$4 \times 47 \text{ cm} = 188 \text{ cm} = 1.88 \text{ m}$$

What is the area?

$$47 \text{ cm} \times 47 \text{ cm} = 2209 \text{ cm}^2$$

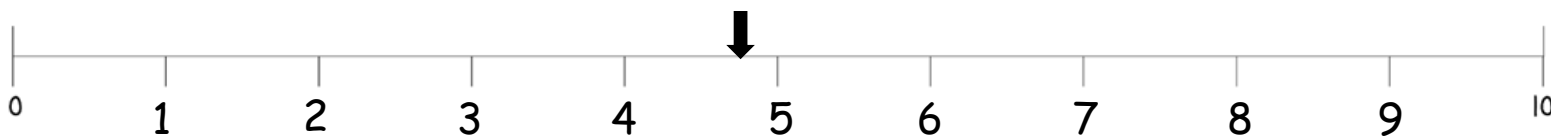
Circle the numbers larger than  $47$

XXV (25)	<input type="checkbox"/> LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	<input type="checkbox"/> C (100)
<input type="checkbox"/> XCVI (96)	<input type="checkbox"/> XIV (14)

# 48

(30 to 90)

Label the number line and draw an arrow to estimate  $48 \div 10$



Radius = **48** mm  
Diameter =  
**96mm**  
= 9.6cm

$$48 \div 1 = 48$$

$$48 \div 2 = 24$$

$$48 \div 4 = 12$$

$$48 \div 5 = 9\text{r}3 \text{ or } 9 \frac{3}{5} \text{ or } 9.6$$

$$48 \div 8 = 6$$

$$48 \div 10 = 4.8$$

Round to the nearest unit

**5**

$$48 \div 100 = 0.48$$

Double it

**0.96**

$$48 \times 10 = 480$$

Double it and add 200

**1160**

$$48 \times 100 = 4800$$

Find half and subtract 1200

**1200**

Work out all the factor pairs of **48**

1 and 48

2 and 24

3 and 16

4 and 12

6 and 8

Circle the fractions **48** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**48** would be rounded down when rounded to the nearest 10 **x**

**48** is divisible by 8 **✓**

**48** has 4 as a factor **✓**

**48** has more than 2 factor pairs **✓**

**48** is a prime number **x**

**48** + 34 < 68 **x**

132 < **48** + 52 **x**

**48** is divisible by 3 **✓**

**48** is within 10 of a square number **✓**

**48** is within 15 of a cube number **x**

Start with **48**

Divide it by 10 **4.8**

Double your answer **9.6**

Subtract 0.9 **8.7**

Add 3.5 **12.2**

Multiply it by 10 **122**

Round to the nearest 10 **120**

Add 200 **320**

Round to the nearest 100 **300**

**48** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **48** and 100

1	4	9	16	25
36	49	64	81	100

$$48 + 52 = 100$$

$$48 + 952 = 1000$$

$$48 + 42 = 90$$

$$48 + 132 = 180$$

$$48 + 312 = 360$$

**48** cm

What is the perimeter of this square?

$$4 \times 48 \text{ cm} = 192 \text{ cm} = 1.92 \text{ m}$$

What is the area?

$$48 \text{ cm} \times 48 \text{ cm} = 2304 \text{ cm}^2$$

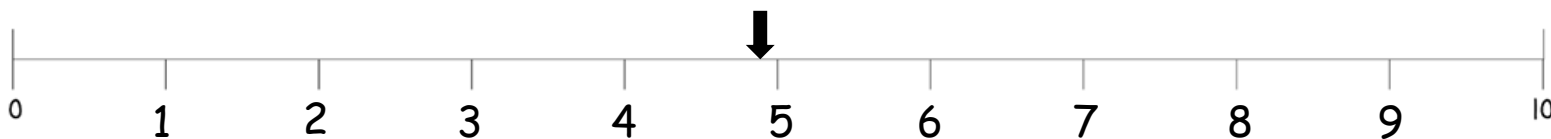
Circle the numbers larger than **48**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 49

(30 to 90)

Label the number line and draw an arrow to estimate  $49 \div 10$



Radius = **49** mm  
Diameter =  
**98mm**  
= 9.8cm

$$49 \div 1 = 49$$

$$49 \div 2 = 24\text{r}1 \text{ or } 24\frac{1}{2} \text{ or } 24.5$$

$$49 \div 4 = 12\text{r}1 \text{ or } 12\frac{1}{4} \text{ or } 12.25$$

$$49 \div 5 = 9\text{r}4 \text{ or } 9\frac{4}{5} \text{ or } 9.8$$

$$49 \div 8 = 6\text{r}1 \text{ or } 6\frac{1}{8}$$

$$49 \div 10 = 4.9$$

Round to the nearest unit

**5**

$$49 \div 100 = 0.49$$

Double it

**0.98**

$$49 \times 10 = 490$$

Double it and add 200

**1180**

$$49 \times 100 = 4900$$

Find half and subtract 1200

**1250**

Work out all the factor pairs of **49**

1 and 49

7 and 7

Circle the fractions **49** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**49** would be rounded down when rounded to the nearest 10 **x**

**49** is divisible by 8 **x**

**49** has 4 as a factor **x**

**49** has more than 2 factor pairs **x**

**49** is a prime number **x**

**49** + 34 < 68 **x**

132 < **49** + 52 **x**

**49** is divisible by 3 **x**

**49** is within 10 of a square number **✓**

**49** is within 15 of a cube number **✓**

Start with **49**

Divide it by 10 **4.9**

Double your answer **9.8**

Subtract 0.9 **8.9**

Add 3.5 **12.4**

Multiply it by 10 **124**

Round to the nearest 10 **120**

Add 200 **320**

Round to the nearest 100 **300**

**49** is a multiple of (circle)

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12

List the first 10 square numbers and circle any which are between **49** and 100

1	4	9	16	25
36	<input type="checkbox"/> 49	64	81	100

$$49 + 51 = 100$$

$$49 + 951 = 1000$$

$$49 + 41 = 90$$

$$49 + 131 = 180$$

$$49 + 311 = 360$$

**49** cm

What is the perimeter of this square?

$$4 \times 49 \text{ cm} = 196 \text{ cm} = 1.96 \text{ m}$$

What is the area?

$$49 \text{ cm} \times 49 \text{ cm} = 2401 \text{ cm}^2$$

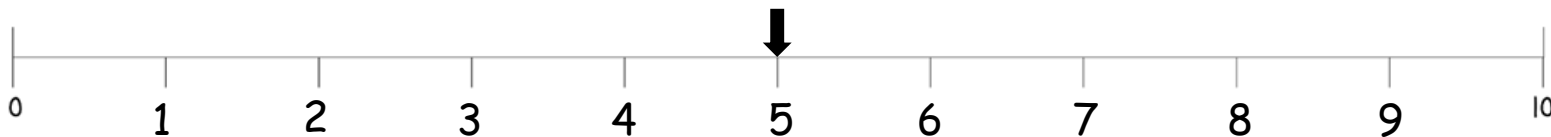
Circle the numbers larger than **49**

XXV (25)	<input type="checkbox"/> LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	<input type="checkbox"/> C (100)
<input type="checkbox"/> XCVI (96)	<input type="checkbox"/> XIV (14)

# 50

(30 to 90)

Label the number line and draw an arrow to estimate  $50 \div 10$



Radius = 50 mm  
Diameter = 100mm = 10cm

$$50 \div 1 = 50$$

$$50 \div 2 = 25$$

$$50 \div 4 = 12\text{r}2 \text{ or } 12\frac{1}{2} \text{ or } 12.5$$

$$50 \div 5 = 10$$

$$50 \div 8 = 6\text{r}2 \text{ or } 6\frac{1}{4} \text{ or } 6.25$$

$$50 \div 10 = 5.0$$

Round to the nearest unit

5

$$50 \div 100 = 0.5$$

Double it

1

$$50 \times 10 = 500$$

Double it and add 200

1200

$$50 \times 100 = 5000$$

Find half and subtract 1200

1300

Work out all the factor pairs of 50

1 and 50

2 and 25

5 and 10

Circle the fractions  $\frac{50}{100}$  which are bigger than  $\frac{1}{2}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

50 would be rounded down when rounded to the nearest 10 ☒

50 is divisible by 8 ☒

50 has 4 as a factor ☒

50 has more than 2 factor pairs ☒

50 is a prime number ☒

50 + 34 < 68 ☒

132 < 50 + 52 ☒

50 is divisible by 3 ☒

50 is within 10 of a square number ☒

50 is within 15 of a cube number ☒

Start with 50

Divide it by 10 5

Double your answer 10

Subtract 0.9 9.1

Add 3.5 12.6

Multiply it by 10 126

Round to the nearest 10 130

Add 200 330

Round to the nearest 100 300

50 is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between 50 and 100

1	4	9	16	25
36	49	64	81	100

$$50 + 50 = 100$$

$$50 + 950 = 1000$$

$$50 + 40 = 90$$

$$50 + 130 = 180$$

$$50 + 310 = 360$$

50 cm

What is the perimeter of this square?

$$4 \times 50 \text{ cm} = 200 \text{ cm} = 2.0 \text{ m}$$

What is the area?

$$50 \text{ cm} \times 50 \text{ cm} = 2500 \text{ cm}^2$$

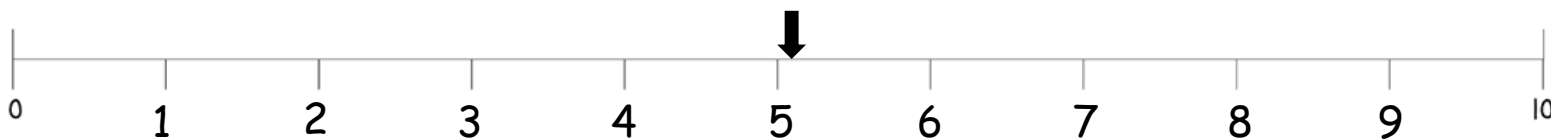
Circle the numbers larger than 50

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 51

(30 to 90)

Label the number line and draw an arrow to estimate  $51 \div 10$



Radius = **51** mm  
Diameter =  
102mm  
= 10.2cm

$$51 \div 1 = 51$$

$$51 \div 2 = 25\text{r}1 \text{ or } 25\frac{1}{2} \text{ or } 25.5$$

$$51 \div 4 = 12\text{r}3 \text{ or } 12\frac{3}{4} \text{ or } 12.75$$

$$51 \div 5 = 10\text{r}1 \text{ or } 10\frac{1}{5} \text{ or } 10.2$$

$$51 \div 8 = 6\text{r}3 \text{ or } 6\frac{3}{8}$$

$$51 \div 10 = 5.1$$

Round to the nearest unit

**5**

$$51 \div 100 = 0.51$$

Double it

**1.02**

$$51 \times 10 = 510$$

Double it and add 200

**1220**

$$51 \times 100 = 5100$$

Find half and subtract 1200

**1350**

Work out all the factor pairs of **51**

1 and 51

3 and 17

Circle the fractions **51** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**51** would be rounded down when rounded to the nearest 10 ☒

**51** is divisible by 8 ☒

**51** has 4 as a factor ☒

**51** has more than 2 factor pairs ☒

**51** is a prime number ☒

**51** + 34 < 68 ☒

132 < **51** + 52 ☒

**51** is divisible by 3 ☒

**51** is within 10 of a square number ☒

**51** is within 15 of a cube number ☒

Start with **51**

Divide it by 10 **5.1**

Double your answer **10.2**

Subtract 0.9 **9.3**

Add 3.5 **12.8**

Multiply it by 10 **128**

Round to the nearest 10 **130**

Add 200 **330**

Round to the nearest 100 **300**

**51** is a multiple of (circle)

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12

List the first 10 square numbers and circle any which are between **51** and 100

1	4	9	16	25
36	49	<input type="checkbox"/> 64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$51 + 49 = 100$$

$$51 + 949 = 1000$$

$$51 + 39 = 90$$

$$51 + 129 = 180$$

$$51 + 309 = 360$$

**51** cm

What is the perimeter of this square?

$$4 \times 51 \text{ cm} = 204 \text{ cm} = 2.04 \text{ m}$$

What is the area?

$$51 \text{ cm} \times 51 \text{ cm} = 2601 \text{ cm}^2$$

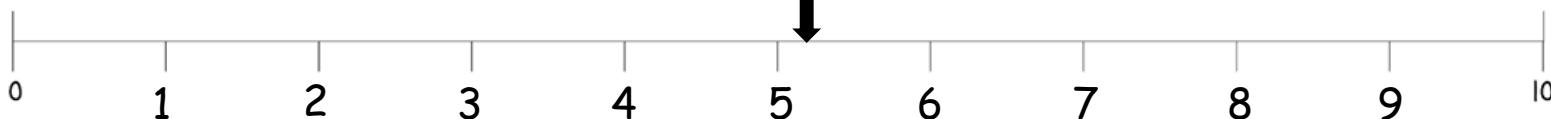
Circle the numbers larger than **51**

XXV (25)	<input type="checkbox"/> LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	<input type="checkbox"/> C (100)
<input type="checkbox"/> XCVI (96)	<input type="checkbox"/> XIV (14)

# 52

(30 to 90)

Label the number line and draw an arrow to estimate  $52 \div 10$



Radius =  $52$  mm  
Diameter =  
 $104$ mm  
=  $10.4$ cm

$$52 \div 1 = 52$$

$$52 \div 2 = 26$$

$$52 \div 4 = 13$$

$$52 \div 5 = 10\text{r}2 \text{ or } 10 \frac{2}{5} \text{ or } 10.4$$

$$52 \div 8 = 6\text{r}4 \text{ or } 6\frac{1}{2} \text{ or } 6.5$$

$$52 \div 10 = 5.2$$

Round to the nearest unit

5

$$52 \div 100 = 0.52$$

Double it

1.04

$$52 \times 10 = 520$$

Double it and add 200

1240

$$52 \times 100 = 5200$$

Find half and subtract 1200

1400

Work out all the factor pairs of

52

1 and 52

2 and 26

4 and 13

Circle the fractions  $52$  which are bigger than  $100$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$52$  would be rounded down when rounded to the nearest 10 ☒

$52$  is divisible by 8 ☐

$52$  has 4 as a factor ☒

$52$  has more than 2 factor pairs ☒

$52$  is a prime number ☐

$52 + 34 < 68$  ☐

$132 < 52 + 52$  ☐

$52$  is divisible by 3 ☐

$52$  is within 10 of a square number ☒

$52$  is within 15 of a cube number ☒

Start with  $52$

Divide it by 10  $5.2$

Double your answer  $10.4$

Subtract 0.9  $9.5$

Add 3.5  $13$

Multiply it by 10  $130$

Round to the nearest 10  $130$

Add 200  $330$

Round to the nearest 100  $300$

$52$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $52$  and 100

1	4	9	16	25
36	49	64	81	100

$$52 + 48 = 100$$

$$52 + 948 = 1000$$

$$52 + 38 = 90$$

$$52 + 128 = 180$$

$$52 + 308 = 360$$

$52$  cm

What is the perimeter of this square?

$$4 \times 52 \text{ cm} = 208 \text{ cm} = 2.08 \text{ m}$$

What is the area?

$$52 \text{ cm} \times 52 \text{ cm} = 2704 \text{ cm}^2$$

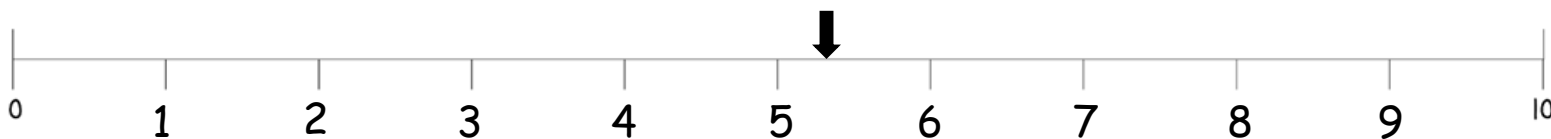
Circle the numbers larger than  $52$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 53

(30 to 90)

Label the number line and draw an arrow to estimate  $53 \div 10$



Radius = **53** mm  
Diameter =  
106mm  
= 10.6cm

$$53 \div 1 = 53$$

$$53 \div 2 = 26\text{r}1 \text{ or } 26\frac{1}{2} \text{ or } 26.5$$

$$53 \div 4 = 13\text{r}1 \text{ or } 13\frac{1}{4} \text{ or } 13.25$$

$$53 \div 5 = 10\text{r}3 \text{ or } 10\frac{3}{5} \text{ or } 10.6$$

$$53 \div 8 = 6\text{r}5 \text{ or } 6\frac{5}{8}$$

$$53 \div 10 = 5.3$$

Round to the nearest unit

**5**

$$53 \div 100 = 0.53$$

Double it

**1.06**

$$53 \times 10 = 530$$

Double it and add 200

**1260**

$$53 \times 100 = 5300$$

Find half and subtract 1200

**1450**

Work out all the factor pairs of **53**

1 and 53

Circle the fractions **53** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**53** would be rounded down when rounded to the nearest 10 ☒

**53** is divisible by 8 ☒

**53** has 4 as a factor ☒

**53** has more than 2 factor pairs ☒

**53** is a prime number ☒

**53** + 34 < 68 ☒

132 < **53** + 52 ☒

**53** is divisible by 3 ☒

**53** is within 10 of a square number ☒

**53** is within 15 of a cube number ☒

Start with **53**

Divide it by 10 **5.3**

Double your answer **10.6**

Subtract 0.9 **9.7**

Add 3.5 **13.2**

Multiply it by 10 **132**

Round to the nearest 10 **130**

Add 200 **330**

Round to the nearest 100 **300**

**53** is a multiple of (circle)

<input type="checkbox"/> 1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **53** and 100

1	4	9	16	25
36	49	<input type="checkbox"/> 64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$53 + 47 = 100$$

$$53 + 947 = 1000$$

$$53 + 37 = 90$$

$$53 + 127 = 180$$

$$53 + 307 = 360$$

**53** cm

What is the perimeter of this square?

$$4 \times 53 \text{ cm} = 212 \text{ cm} = 2.12 \text{ m}$$

What is the area?

$$53 \text{ cm} \times 53 \text{ cm} = 2809 \text{ cm}^2$$

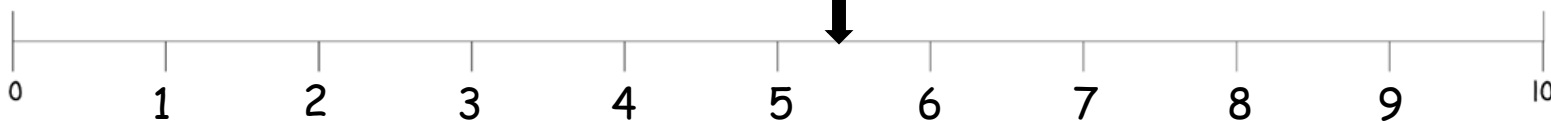
Circle the numbers larger than **53**

XXV (25)	<input type="checkbox"/> LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	<input type="checkbox"/> C (100)
<input type="checkbox"/> XCVI (96)	<input type="checkbox"/> XIV (14)

# 54

(30 to 90)

Label the number line and draw an arrow to estimate  $54 \div 10$



Radius = **54** mm  
Diameter =  
108mm  
= 10.8cm

$$54 \div 1 = 54$$

$$54 \div 2 = 27$$

$$54 \div 4 = 13\text{r}2 \text{ or } 13\frac{1}{2} \text{ or } 13.5$$

$$54 \div 5 = 10\text{r}4 \text{ or } 10\frac{4}{5} \text{ or } 10.8$$

$$54 \div 8 = 6\text{r}6 \text{ or } 6\frac{3}{4} \text{ or } 6.75$$

$$54 \div 10 = 5.4$$

Round to the nearest unit

**5**

$$54 \div 100 = 0.54$$

Double it

**1.08**

$$54 \times 10 = 540$$

Double it and add 200

**1280**

$$54 \times 100 = 5400$$

Find half and subtract 1200

**1500**

Work out all the factor pairs of **54**

1 and 54

2 and 27

3 and 18

6 and 9

Circle the fractions **54** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**54** would be rounded down when rounded to the nearest 10 ☒

**54** is divisible by 8 ☒

**54** has 4 as a factor ☒

**54** has more than 2 factor pairs ☒

**54** is a prime number ☒

**54** + 34 < 68 ☒

132 < **54** + 52 ☒

**54** is divisible by 3 ☒

**54** is within 10 of a square number ☒

**54** is within 15 of a cube number ☒

Start with **54**

Divide it by 10 **5.4**

Double your answer **10.8**

Subtract 0.9 **9.9**

Add 3.5 **13.4**

Multiply it by 10 **134**

Round to the nearest 10 **130**

Add 200 **330**

Round to the nearest 100 **300**

**54** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **54** and 100

1	4	9	16	25
36	49	64	81	100

$$54 + 46 = 100$$

$$54 + 946 = 1000$$

$$54 + 36 = 90$$

$$54 + 126 = 180$$

$$54 + 306 = 360$$

**54** cm

What is the perimeter of this square?

$$4 \times 54 \text{ cm} = 216 \text{ cm} = 2.16 \text{ m}$$

What is the area?

$$54 \text{ cm} \times 54 \text{ cm} = 2916 \text{ cm}^2$$

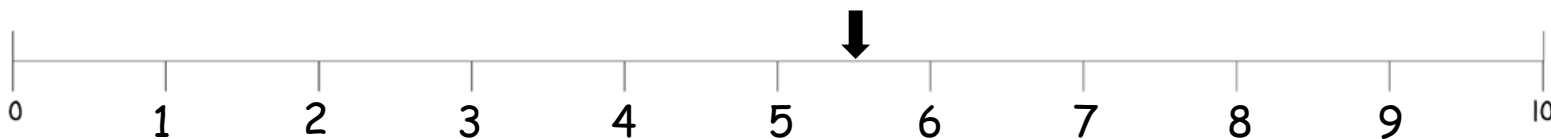
Circle the numbers larger than **54**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 55

(30 to 90)

Label the number line and draw an arrow to estimate  $55 \div 10$



Radius = 55 mm

Diameter =  
110mm  
= 11cm

$$55 \div 1 = 55$$

$$55 \div 2 = 27\text{r}1 \text{ or } 27\frac{1}{2} \text{ or } 27.5$$

$$55 \div 4 = 13\text{r}3 \text{ or } 13\frac{3}{4} \text{ or } 13.75$$

$$55 \div 5 = 11$$

$$55 \div 8 = 6\text{r}7 \text{ or } 6\frac{7}{8}$$

$$55 \div 10 = 5.5$$

Round to the nearest unit

5

$$55 \div 100 = 0.55$$

Double it

1.1

$$55 \times 10 = 550$$

Double it and add 200

1300

$$55 \times 100 = 5500$$

Find half and subtract 1200

1550

Work out all the factor pairs of

55

1 and 55

5 and 11

Circle the fractions  $55$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

55 would be rounded down when rounded to the nearest 10 ☒

55 is divisible by 8 ☒

55 has 4 as a factor ☒

55 has more than 2 factor pairs ☒

55 is a prime number ☒

55 + 34 < 68 ☒

132 < 55 + 52 ☒

55 is divisible by 3 ☒

55 is within 10 of a square number ☒

55 is within 15 of a cube number ☒

Start with 55

Divide it by 10 5.5

Double your answer 11

Subtract 0.9 10.1

Add 3.5 13.6

Multiply it by 10 136

Round to the nearest 10 140

Add 200 340

Round to the nearest 100 300

55 is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between 55 and 100

1	4	9	16	25
36	49	64	81	100

$$55 + 45 = 100$$

$$55 + 945 = 1000$$

$$55 + 35 = 90$$

$$55 + 125 = 180$$

$$55 + 305 = 360$$

55 cm

What is the perimeter of this square?

$$4 \times 55 \text{ cm} = 220 \text{ cm} = 2.2 \text{ m}$$

What is the area?

$$55 \text{ cm} \times 55 \text{ cm} = 3025 \text{ cm}^2$$

Circle the numbers larger than 55

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 56

(30 to 90)

Label the number line and draw an arrow to estimate  $56 \div 10$



Radius = **56** mm  
Diameter =  
**112mm**  
= **11.2cm**

$$56 \div 1 = 56$$

$$56 \div 2 = 28$$

$$56 \div 4 = 14$$

$$56 \div 5 = 11\text{r}1 \text{ or } 11 \frac{1}{5} \text{ or } 11.2$$

$$56 \div 8 = 7$$

$$56 \div 10 = 5.6$$

Round to the nearest unit

**6**

$$56 \div 100 = 0.56$$

Double it

**1.12**

$$56 \times 10 = 560$$

Double it and add 200

**1320**

$$56 \times 100 = 5600$$

Find half and subtract 1200

**1600**

Work out all the factor pairs of **56**

1 and 56

2 and 28

4 and 14

7 and 8

Circle the fractions **56** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**56** would be rounded down when rounded to the nearest 10 **x**

**56** is divisible by 8 **✓**

**56** has 4 as a factor **✓**

**56** has more than 2 factor pairs **✓**

**56** is a prime number **x**

**56** + 34 < 68 **x**

132 < **56** + 52 **x**

**56** is divisible by 3 **x**

**56** is within 10 of a square number **✓**

**56** is within 15 of a cube number **✓**

Start with **56**

Divide it by 10 **5.6**

Double your answer **11.2**

Subtract 0.9 **10.3**

Add 3.5 **13.8**

Multiply it by 10 **138**

Round to the nearest 10 **140**

Add 200 **340**

Round to the nearest 100 **300**

**56** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **56** and 100

1	4	9	16	25
36	49	64	81	100

$$56 + 44 = 100$$

$$56 + 944 = 1000$$

$$56 + 34 = 90$$

$$56 + 124 = 180$$

$$56 + 304 = 360$$

**56** cm

What is the perimeter of this square?

$$4 \times 56 \text{ cm} = 224 \text{ cm} = 2.24 \text{ m}$$

What is the area?

$$56 \text{ cm} \times 56 \text{ cm} = 3136 \text{ cm}^2$$

Circle the numbers larger than **56**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 57

(30 to 90)

Label the number line and draw an arrow to estimate  $57 \div 10$



Radius = **57** mm  
Diameter =  
**114mm**  
= **11.4cm**

**57**  $\div 1 = 57$

**57**  $\div 2 = 28\text{r}1$  or  $28\frac{1}{2}$   
or 28.5

**57**  $\div 4 = 14\text{r}1$  or  $14\frac{1}{4}$   
or 14.25

**57**  $\div 5 = 11\text{r}2$  or  $11\frac{2}{5}$   
or 11.4

**57**  $\div 8 = 7\text{r}1$  or  $7\frac{1}{8}$

**57**  $\div 10 = 5.7$

Round to the  
nearest unit

**6**

**57**  $\div 100 = 0.57$

Double it

**1.14**

**57**  $\times 10 = 570$

Double it  
and add 200

**1340**

**57**  $\times 100 = 5700$

Find half and  
subtract 1200

**1650**

Work out all the  
factor pairs of **57**

1 and 57

3 and 19

Circle the fractions **57**  
which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**57** would be rounded down when  
rounded to the nearest 10 **✗**

**57** is divisible by 8 **✗**

**57** has 4 as a factor **✗**

**57** has more than 2 factor pairs **✗**

**57** is a prime number **✗**

**57** + 34 < 68 **✗**

132 < **57** + 52 **✗**

**57** is divisible by 3 **✓**

**57** is within 10 of a square number **✓**

**57** is within 15 of a cube number **✓**

Start with **57**

Divide it by 10 **5.7**

Double your  
answer **11.4**

Subtract 0.9 **10.5**

Add 3.5 **14**

Multiply it by  
10 **140**

Round to the  
nearest 10 **140**

Add 200 **340**

Round to the  
nearest 100 **300**

**57** is a multiple of (circle)

<b>1</b>	2	<b>3</b>	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle  
any which are between **57** and 100

1	4	9	16	25
36	49	<b>64</b>	<b>81</b>	<b>100</b>

**57** + **43** = 100

**57** + **943** = 1000

**57** + **33** = 90

**57** + **123** = 180

**57** + **303** = 360

**57** cm

What is the perimeter  
of this square?

$4 \times 57 \text{ cm}$   
= 228cm = 2.28m

What is the area?

$57 \text{ cm} \times 57 \text{ cm}$   
= 3249  $\text{cm}^2$

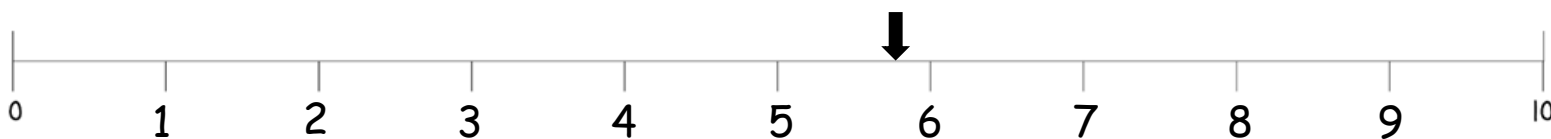
Circle the numbers  
larger than **57**

XXV (25)	LVI (56)
XXXIII (33)	<b>LXXXIII (83)</b>
<b>LXXXVI (86)</b>	<b>LXXII (72)</b>
XXIX (29)	C (100)
<b>XCVI (96)</b>	XIV (14)

# 58

(30 to 90)

Label the number line and draw an arrow to estimate  $58 \div 10$



Radius = **58** mm  
Diameter =  
**116mm**  
= 11.6cm

$$58 \div 1 = 58$$

$$58 \div 2 = 29$$

$$58 \div 4 = 14\text{r}2 \text{ or } 14\frac{1}{2} \text{ or } 14.5$$

$$58 \div 5 = 11\text{r}3 \text{ or } 11\frac{3}{5} \text{ or } 11.6$$

$$58 \div 8 = 7\text{r}2 \text{ or } 7\frac{1}{4} \text{ or } 7.25$$

$$58 \div 10 = 5.8$$

Round to the nearest unit

**6**

$$58 \div 100 = 0.58$$

Double it

**1.16**

$$58 \times 10 = 580$$

Double it and add 200

**1360**

$$58 \times 100 = 5800$$

Find half and subtract 1200

**1700**

Work out all the factor pairs of **58**

1 and 58

2 and 29

Circle the fractions **58** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**58** would be rounded down when rounded to the nearest 10 **✗**

**58** is divisible by 8 **✗**

**58** has 4 as a factor **✗**

**58** has more than 2 factor pairs **✗**

**58** is a prime number **✗**

**58** + 34 < 68 **✗**

132 < **58** + 52 **✗**

**58** is divisible by 3 **✗**

**58** is within 10 of a square number **✓**

**58** is within 15 of a cube number **✓**

Start with **58**

Divide it by 10 **5.8**

Double your answer **11.6**

Subtract 0.9 **10.7**

Add 3.5 **14.2**

Multiply it by 10 **142**

Round to the nearest 10 **140**

Add 200 **340**

Round to the nearest 100 **300**

**58** is a multiple of (circle)

<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9	<input type="checkbox"/> 10	<input type="checkbox"/> 11	<input type="checkbox"/> 12

List the first 10 square numbers and circle any which are between **58** and 100

1	4	9	16	25
36	49	<input type="checkbox"/> 64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$58 + 42 = 100$$

$$58 + 942 = 1000$$

$$58 + 32 = 90$$

$$58 + 122 = 180$$

$$58 + 302 = 360$$

**58** cm

What is the perimeter of this square?

$$4 \times 58 \text{ cm} = 232 \text{ cm} = 2.32 \text{ m}$$

What is the area?

$$58 \text{ cm} \times 58 \text{ cm} = 3364 \text{ cm}^2$$

Circle the numbers larger than **58**

XXV (25)	LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	<input type="checkbox"/> C (100)
<input type="checkbox"/> XCVI (96)	XIV (14)

# 59

(30 to 90)

Label the number line and draw an arrow to estimate  $59 \div 10$



Radius = **59** mm  
Diameter =  
**118mm**  
= **11.8cm**

$$59 \div 1 = 59$$

$$59 \div 2 = 29\text{r}1 \text{ or } 29\frac{1}{2} \text{ or } 29.5$$

$$59 \div 4 = 14\text{r}3 \text{ or } 14\frac{3}{4} \text{ or } 14.75$$

$$59 \div 5 = 11\text{r}4 \text{ or } 11\frac{4}{5} \text{ or } 11.8$$

$$59 \div 8 = 7\text{r}3 \text{ or } 7\frac{3}{8}$$

$$59 \div 10 = 5.9$$

Round to the nearest unit

**6**

$$59 \div 100 = 0.59$$

Double it

**1.18**

$$59 \times 10 = 590$$

Double it and add 200

**1380**

$$59 \times 100 = 5900$$

Find half and subtract 1200

**1750**

Work out all the factor pairs of **59**

**1 and 59**

Circle the fractions **59** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**59** would be rounded down when rounded to the nearest 10 **✗**

**59** is divisible by 8 **✗**

**59** has 4 as a factor **✗**

**59** has more than 2 factor pairs **✗**

**59** is a prime number **✓**

**59** + 34 < 68 **✗**

132 < **59** + 52 **✗**

**59** is divisible by 3 **✗**

**59** is within 10 of a square number **✓**

**59** is within 15 of a cube number **✓**

Start with **59**

Divide it by 10 **5.9**

Double your answer **11.8**

Subtract 0.9 **10.9**

Add 3.5 **14.4**

Multiply it by 10 **144**

Round to the nearest 10 **140**

Add 200 **340**

Round to the nearest 100 **300**

**59** is a multiple of (circle)

<input type="checkbox"/> 1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **59** and 100

1	4	9	16	25
36	49	<input type="checkbox"/> 64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$59 + 41 = 100$$

$$59 + 941 = 1000$$

$$59 + 31 = 90$$

$$59 + 121 = 180$$

$$59 + 301 = 360$$

**59** cm

What is the perimeter of this square?

$$4 \times 59 \text{ cm} = 236 \text{ cm} = 2.36 \text{ m}$$

What is the area?

$$59 \text{ cm} \times 59 \text{ cm} = 3481 \text{ cm}^2$$

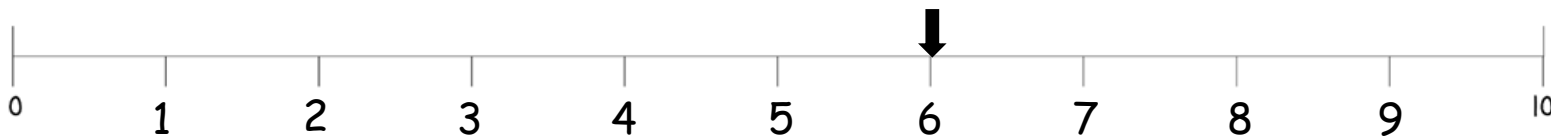
Circle the numbers larger than **59**

XXV (25)	LVI (56)
XXXIII (33)	<input type="checkbox"/> LXXXIII (83)
<input type="checkbox"/> LXXXVI (86)	<input type="checkbox"/> LXXII (72)
XXIX (29)	C (100)
<input type="checkbox"/> XCVI (96)	XIV (14)

# 60

(30 to 90)

Label the number line and draw an arrow to estimate  $60 \div 10$



Radius =  $60$  mm  
Diameter =  $120$  mm  
 $= 12.0$  cm

$$60 \div 1 = 60$$

$$60 \div 2 = 30$$

$$60 \div 4 = 15$$

$$60 \div 5 = 12$$

$$60 \div 8 = 7\text{r}4 \text{ or } 7\frac{1}{2} \text{ or } 7.5$$

$$60 \div 10 = 6.0 \quad \text{Round to the nearest unit}$$

6

$$60 \div 100 = 0.60 \quad \text{Double it}$$

1.20

$$60 \times 10 = 600 \quad \text{Double it and add 200}$$

1400

$$60 \times 100 = 6000 \quad \text{Find half and subtract 1200}$$

1800

Work out all the factor pairs of  $60$

1 and 60

2 and 30

3 and 20

4 and 15

5 and 12

6 and 10

Circle the fractions  $60$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$60$  would be rounded down when rounded to the nearest 10 ☒

$60$  is divisible by 8 ☒

$60$  has 4 as a factor ☒

$60$  has more than 2 factor pairs ☒

$60$  is a prime number ☒

$60 + 34 < 68$  ☒

$132 < 60 + 52$  ☒

$60$  is divisible by 3 ☒

$60$  is within 10 of a square number ☒

$60$  is within 15 of a cube number ☒

Start with  $60$

Divide it by 10  $6.0$

Double your answer  $12.0$

Subtract 0.9  $11.1$

Add 3.5  $14.6$

Multiply it by 10  $146$

Round to the nearest 10  $150$

Add 200  $350$

Round to the nearest 100  $300$

$60$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $60$  and 100

1	4	9	16	25
36	49	64	81	100

$$60 + 40 = 100$$

$$60 + 940 = 1000$$

$$60 + 30 = 90$$

$$60 + 120 = 180$$

$$60 + 300 = 360$$

$60$  cm

What is the perimeter of this square?

$$4 \times 60 \text{ cm} = 240 \text{ cm} = 2.4 \text{ m}$$

What is the area?

$$60 \text{ cm} \times 60 \text{ cm} = 3600 \text{ cm}^2$$

Circle the numbers larger than  $60$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 61

(30 to 90)

Label the number line and draw an arrow to estimate  $61 \div 10$



Radius = **61** mm  
Diameter =  
122mm  
= 12.2cm

$$61 \div 1 = 61$$

$$61 \div 2 = 30\text{r}1 \text{ or } 30\frac{1}{2} \text{ or } 30.5$$

$$61 \div 4 = 15\text{r}1 \text{ or } 15\frac{1}{4} \text{ or } 15.25$$

$$61 \div 5 = 12\text{r}1 \text{ or } 12 \frac{2}{5} \text{ or } 12.2$$

$$61 \div 8 = 7\text{r}5 \text{ or } 7 \frac{5}{8}$$

$$61 \div 10 = 6.1$$

Round to the nearest unit

**6**

$$61 \div 100 = 0.61$$

Double it

**1.22**

$$61 \times 10 = 610$$

Double it and add 200

**1420**

$$61 \times 100 = 6100$$

Find half and subtract 1200

**1850**

Work out all the factor pairs of **61**

1 and 61

Circle the fractions **61** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**61** would be rounded down when rounded to the nearest 10 ☒

**61** is divisible by 8 ☒

**61** has 4 as a factor ☒

**61** has more than 2 factor pairs ☒

**61** is a prime number ☒

**61** + 34 < 68 ☒

132 < **61** + 52 ☒

**61** is divisible by 3 ☒

**61** is within 10 of a square number ☒

**61** is within 15 of a cube number ☒

Start with **61**

Divide it by 10 **6.1**

Double your answer **12.2**

Subtract 0.9 **11.3**

Add 3.5 **14.8**

Multiply it by 10 **148**

Round to the nearest 10 **150**

Add 200 **350**

Round to the nearest 100 **300**

**61** is a multiple of (circle)

<input type="checkbox"/> 1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **61** and 100

1	4	9	16	25
36	49	<input type="checkbox"/> 64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$61 + 39 = 100$$

$$61 + 939 = 1000$$

$$61 + 29 = 90$$

$$61 + 119 = 180$$

$$61 + 299 = 360$$

**61** cm

What is the perimeter of this square?

$$4 \times 61 \text{ cm} = 244 \text{ cm} = 2.44 \text{ m}$$

What is the area?

$$61 \text{ cm} \times 61 \text{ cm} = 3721 \text{ cm}^2$$

Circle the numbers larger than **61**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 62

(30 to 90)

Label the number line and draw an arrow to estimate  $62 \div 10$



Radius =  $62$  mm  
Diameter =  
 $124\text{mm}$   
 $= 12.4\text{cm}$

$$62 \div 1 = 62$$

$$62 \div 2 = 31$$

$$62 \div 4 = 15\text{r}2 \text{ or } 15 \frac{1}{2} \text{ or } 15.5$$

$$62 \div 5 = 12\text{r}2 \text{ or } 12 \frac{2}{5} \text{ or } 12.4$$

$$62 \div 8 = 7\text{r}6 \text{ or } 7 \frac{3}{4} \text{ or } 7.75$$

$$62 \div 10 = 6.2$$

Round to the nearest unit

**6**

$$62 \div 100 = 0.62$$

Double it

**1.24**

$$62 \times 10 = 620$$

Double it and add 200

**1440**

$$62 \times 100 = 6200$$

Find half and subtract 1200

**1900**

Work out all the factor pairs of **62**

1 and 62

2 and 31

Circle the fractions **62** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**62** would be rounded down when rounded to the nearest 10 ☒

**62** is divisible by 8 ☒

**62** has 4 as a factor ☒

**62** has more than 2 factor pairs ☒

**62** is a prime number ☒

**62** + 34 < 68 ☒

$132 < 62 + 52$  ☒

**62** is divisible by 3 ☒

**62** is within 10 of a square number ☒

**62** is within 15 of a cube number ☒

Start with **62**

Divide it by 10 **6.2**

Double your answer **12.4**

Subtract 0.9 **11.5**

Add 3.5 **15**

Multiply it by 10 **150**

Round to the nearest 10 **150**

Add 200 **350**

Round to the nearest 100 **400**

**62** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **62** and 100

1	4	9	16	25
36	49	64	81	100

$$62 + 38 = 100$$

$$62 + 938 = 1000$$

$$62 + 28 = 90$$

$$62 + 118 = 180$$

$$62 + 298 = 360$$

**62** cm

What is the perimeter of this square?

$$4 \times 62 \text{ cm} = 248\text{cm} = 2.48\text{m}$$

What is the area?

$$62 \text{ cm} \times 62 \text{ cm} = 3844 \text{ cm}^2$$

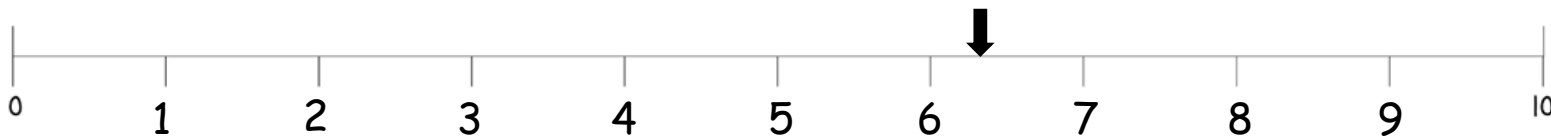
Circle the numbers larger than **62**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 63

(30 to 90)

Label the number line and draw an arrow to estimate  $63 \div 10$



Radius =  $63$  mm  
Diameter =  $126$  mm  
 $= 12.6$  cm

$$63 \div 1 = 63$$

$$63 \div 2 = 31\text{r}1 \text{ or } 31\frac{1}{2} \text{ or } 31.5$$

$$63 \div 4 = 15\text{r}3 \text{ or } 15\frac{3}{4} \text{ or } 15.75$$

$$63 \div 5 = 12\text{r}3 \text{ or } 12\frac{3}{5} \text{ or } 12.6$$

$$63 \div 8 = 7\text{r}7 \text{ or } 7\frac{7}{8}$$

$$63 \div 10 = 6.3$$

Round to the nearest unit

6

$$63 \div 100 = 0.63$$

Double it

1.26

$$63 \times 10 = 630$$

Double it and add 200

1460

$$63 \times 100 = 6300$$

Find half and subtract 1200

1950

Work out all the factor pairs of  $63$

1 and 63

3 and 21

7 and 9

Circle the fractions  $63$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$63$  would be rounded down when rounded to the nearest 10 ☒

$63$  is divisible by 8 ☐

$63$  has 4 as a factor ☐

$63$  has more than 2 factor pairs ☒

$63$  is a prime number ☐

$63 + 34 < 68$  ☐

$132 < 63 + 52$  ☐

$63$  is divisible by 3 ☒

$63$  is within 10 of a square number ☒

$63$  is within 15 of a cube number ☒

Start with  $63$

Divide it by 10  $6.3$

Double your answer  $12.6$

Subtract 0.9  $11.7$

Add 3.5  $15.2$

Multiply it by 10  $152$

Round to the nearest 10  $150$

Add 200  $350$

Round to the nearest 100  $400$

$63$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $63$  and 100

1	4	9	16	25
36	49	64	81	100

$$63 + 37 = 100$$

$$63 + 937 = 1000$$

$$63 + 27 = 90$$

$$63 + 117 = 180$$

$$63 + 297 = 360$$

$63$  cm

What is the perimeter of this square?

$$4 \times 63 \text{ cm} = 252 \text{ cm} = 2.52 \text{ m}$$

What is the area?

$$63 \text{ cm} \times 63 \text{ cm} = 3969 \text{ cm}^2$$

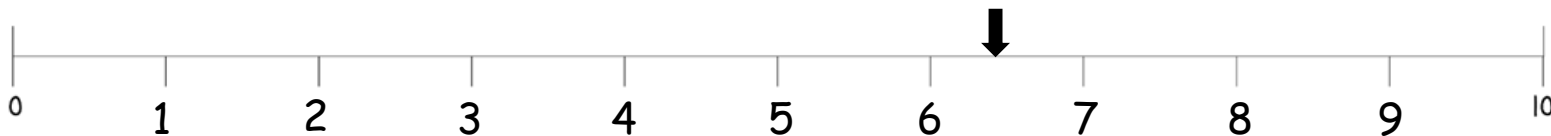
Circle the numbers larger than  $63$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 64

(30 to 90)

Label the number line and draw an arrow to estimate  $64 \div 10$



Radius =  $64$  mm  
Diameter =  
 $128\text{mm}$   
 $= 12.8\text{cm}$

$$64 \div 1 = 64$$

$$64 \div 2 = 32$$

$$64 \div 4 = 16$$

$$64 \div 5 = 12\text{r}4 \text{ or } 12 \frac{4}{5} \text{ or } 12.8$$

$$64 \div 8 = 8$$

$$64 \div 10 = 6.4 \quad \text{Round to the nearest unit}$$

6

$$64 \div 100 = 0.64 \quad \text{Double it}$$

1.28

$$64 \times 10 = 640 \quad \text{Double it and add 200}$$

1480

$$64 \times 100 = 6400 \quad \text{Find half and subtract 1200}$$

2000

Work out all the factor pairs of  $64$

1 and 64

2 and 32

4 and 16

8 and 8

Circle the fractions  $64$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$64$  would be rounded down when rounded to the nearest 10 ☒

$64$  is divisible by 8 ☒

$64$  has 4 as a factor ☒

$64$  has more than 2 factor pairs ☒

$64$  is a prime number ☒

$64 + 34 < 68$  ☒

$132 < 64 + 52$  ☒

$64$  is divisible by 3 ☒

$64$  is within 10 of a square number ☒

$64$  is within 15 of a cube number ☒

Start with  $64$

Divide it by 10  $6.4$

Double your answer  $12.8$

Subtract 0.9  $11.9$

Add 3.5  $15.4$

Multiply it by 10  $154$

Round to the nearest 10  $150$

Add 200  $350$

Round to the nearest 100  $400$

$64$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $64$  and 100

1	4	9	16	25
36	49	64	81	100

$$64 + 36 = 100$$

$$64 + 936 = 1000$$

$$64 + 26 = 90$$

$$64 + 116 = 180$$

$$64 + 296 = 360$$

$64$  cm

What is the perimeter of this square?

$$4 \times 64 \text{ cm} = 256 \text{ cm} = 2.56 \text{ m}$$

What is the area?

$$64 \text{ cm} \times 64 \text{ cm} = 4096 \text{ cm}^2$$

Circle the numbers larger than  $64$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 65

(30 to 90)

Label the number line and draw an arrow to estimate  $65 \div 10$



Radius =  $65$  mm

Diameter =  
 $130\text{mm}$   
 $= 13\text{cm}$

$$65 \div 1 = 65$$

$$65 \div 2 = 32\text{r}1 \text{ or } 32 \frac{1}{2} \text{ or } 32.5$$

$$65 \div 4 = 16\text{r}1 \text{ or } 16 \frac{1}{4} \text{ or } 16.25$$

$$65 \div 5 = 13$$

$$65 \div 8 = 8\text{r}1 \text{ or } 8 \frac{1}{8}$$

$$65 \div 10 = 6.5$$

Round to the nearest unit

6

$$65 \div 100 = 0.65$$

Double it

1.3

$$65 \times 10 = 650$$

Double it and add 200

1500

$$65 \times 100 = 6500$$

Find half and subtract 1200

2050

Work out all the factor pairs of  $65$

1 and 65

5 and 13

Circle the fractions  $65$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$65$  would be rounded down when rounded to the nearest 10 ☒

$65$  is divisible by 8 ☒

$65$  has 4 as a factor ☒

$65$  has more than 2 factor pairs ☒

$65$  is a prime number ☒

$65 + 34 < 68$  ☒

$132 < 65 + 52$  ☒

$65$  is divisible by 3 ☒

$65$  is within 10 of a square number ☒

$65$  is within 15 of a cube number ☒

Start with  $65$

Divide it by 10  $6.5$

Double your answer  $13.0$

Subtract 0.9  $12.1$

Add 3.5  $15.6$

Multiply it by 10  $156$

Round to the nearest 10  $160$

Add 200  $360$

Round to the nearest 100  $400$

$65$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $65$  and 100

1	4	9	16	25
36	49	64	81	100

$$65 + 35 = 100$$

$$65 + 935 = 1000$$

$$65 + 25 = 90$$

$$65 + 115 = 180$$

$$65 + 295 = 360$$

$65$  cm

What is the perimeter of this square?

$$4 \times 65 \text{ cm} = 260\text{cm} = 2.6\text{m}$$

What is the area?

$$65 \text{ cm} \times 65 \text{ cm} = 4225 \text{ cm}^2$$

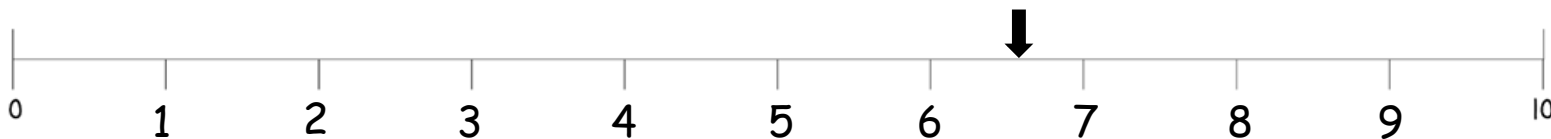
Circle the numbers larger than  $65$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 66

(30 to 90)

Label the number line and draw an arrow to estimate  $66 \div 10$



Radius =  $66$  mm  
Diameter =  
 $132\text{mm}$   
 $= 13.2\text{cm}$

$$66 \div 1 = 66$$

$$66 \div 2 = 33$$

$$66 \div 4 = 16\text{r}2 \text{ or } 16 \frac{1}{2} \text{ or } 16.5$$

$$66 \div 5 = 13\text{r}1 \text{ or } 13 \frac{1}{5} \text{ or } 13.2$$

$$66 \div 8 = 8\text{r}2 \text{ or } 8 \frac{1}{4} \text{ or } 8.25$$

$$66 \div 10 = 6.6$$

Round to the nearest unit

7

$$66 \div 100 = 0.66$$

Double it

1.32

$$66 \times 10 = 660$$

Double it and add 200

1520

$$66 \times 100 = 6600$$

Find half and subtract 1200

2100

Work out all the factor pairs of  $66$

1 and 66

2 and 33

3 and 22

6 and 11

Circle the fractions  $66$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$66$  would be rounded down when rounded to the nearest 10 ☒

$66$  is divisible by 8 ☒

$66$  has 4 as a factor ☒

$66$  has more than 2 factor pairs ☒

$66$  is a prime number ☒

$66 + 34 < 68$  ☒

$132 < 66 + 52$  ☒

$66$  is divisible by 3 ☒

$66$  is within 10 of a square number ☒

$66$  is within 15 of a cube number ☒

Start with  $66$

Divide it by 10  $6.6$

Double your answer  $13.2$

Subtract 0.9  $12.3$

Add 3.5  $15.8$

Multiply it by 10  $158$

Round to the nearest 10  $160$

Add 200  $360$

Round to the nearest 100  $400$

$66$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $66$  and 100

1	4	9	16	25
36	49	64	81	100

$$66 + 34 = 100$$

$$66 + 934 = 1000$$

$$66 + 24 = 90$$

$$66 + 114 = 180$$

$$66 + 294 = 360$$

$66$  cm

What is the perimeter of this square?

$$4 \times 66 \text{ cm} = 264 \text{ cm} = 2.64 \text{ m}$$

What is the area?

$$66 \text{ cm} \times 66 \text{ cm} = 4356 \text{ cm}^2$$

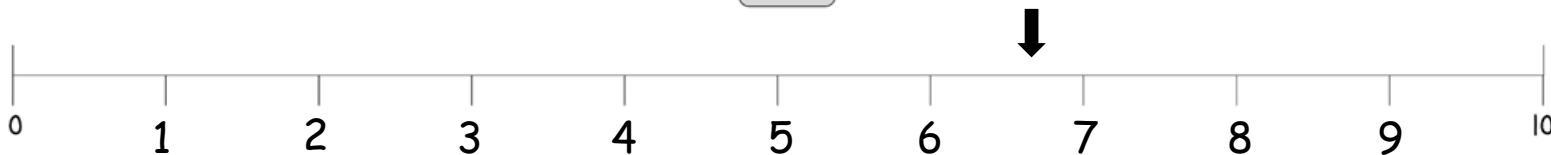
Circle the numbers larger than  $66$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 67

(30 to 90)

Label the number line and draw an arrow to estimate  $67 \div 10$



Radius =  $67$  mm  
Diameter =  
 $134$ mm  
 $= 13.4$ cm

$$67 \div 1 = 67$$

$$67 \div 2 = 33\text{r}1 \text{ or } 33 \frac{1}{2} \text{ or } 33.5$$

$$67 \div 4 = 16\text{r}3 \text{ or } 16 \frac{3}{4} \text{ or } 16.75$$

$$67 \div 5 = 13\text{r}2 \text{ or } 13 \frac{2}{5} \text{ or } 13.4$$

$$67 \div 8 = 8\text{r}3 \text{ or } 8 \frac{3}{8}$$

$$67 \div 10 = 6.7$$

Round to the nearest unit

7

$$67 \div 100 = 0.67$$

Double it

1.34

$$67 \times 10 = 670$$

Double it and add 200

1540

$$67 \times 100 = 6700$$

Find half and subtract 1200

2150

Work out all the factor pairs of  $67$

1 and 67

Circle the fractions  $67$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$67$  would be rounded down when rounded to the nearest 10 ☒

$67$  is divisible by 8 ☒

$67$  has 4 as a factor ☒

$67$  has more than 2 factor pairs ☒

$67$  is a prime number ☒

$67 + 34 < 68$  ☒

$132 < 67 + 52$  ☒

$67$  is divisible by 3 ☒

$67$  is within 10 of a square number ☒

$67$  is within 15 of a cube number ☒

Start with  $67$

Divide it by 10  $6.7$

Double your answer  $13.4$

Subtract 0.9  $12.5$

Add 3.5  $16$

Multiply it by 10  $160$

Round to the nearest 10  $160$

Add 200  $360$

Round to the nearest 100  $400$

$67$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $67$  and 100

1	4	9	16	25
36	49	64	81	100

$$67 + 33 = 100$$

$$67 + 933 = 1000$$

$$67 + 23 = 90$$

$$67 + 113 = 180$$

$$67 + 293 = 360$$

$67$  cm

What is the perimeter of this square?

$$4 \times 67 \text{ cm} = 268 \text{ cm} = 2.68 \text{ m}$$

What is the area?

$$67 \text{ cm} \times 67 \text{ cm} = 4489 \text{ cm}^2$$

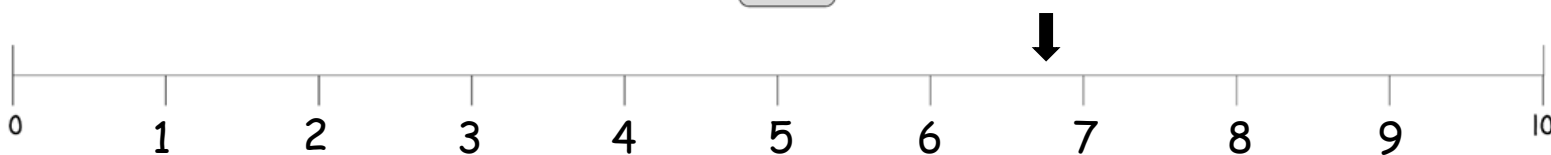
Circle the numbers larger than  $67$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 68

(30 to 90)

Label the number line and draw an arrow to estimate  $68 \div 10$



Radius =  $68$  mm  
Diameter =  $136$  mm  
 $= 13.6$  cm

$$68 \div 1 = 68$$

$$68 \div 2 = 34$$

$$68 \div 4 = 17$$

$$68 \div 5 = 13\text{r}3 \text{ or } 13 \frac{3}{5} \text{ or } 13.6$$

$$68 \div 8 = 8\text{r}4 \text{ or } 8 \frac{1}{2} \text{ or } 8.5$$

$$68 \div 10 = 6.8$$

Round to the nearest unit

7

$$68 \div 100 = 0.68$$

Double it

1.36

$$68 \times 10 = 680$$

Double it and add 200

1560

$$68 \times 100 = 6800$$

Find half and subtract 1200

2200

Work out all the factor pairs of  $68$

1 and 68

2 and 34

4 and 17

Circle the fractions  $68$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$68$  would be rounded down when rounded to the nearest 10 ☒

$68$  is divisible by 8 ☒

$68$  has 4 as a factor ☒

$68$  has more than 2 factor pairs ☒

$68$  is a prime number ☒

$68 + 34 < 68$  ☒

$132 < 68 + 52$  ☒

$68$  is divisible by 3 ☒

$68$  is within 10 of a square number ☒

$68$  is within 15 of a cube number ☒

Start with  $68$

Divide it by 10  $6.8$

Double your answer  $13.6$

Subtract 0.9  $12.7$

Add 3.5  $16.2$

Multiply it by 10  $162$

Round to the nearest 10  $160$

Add 200  $360$

Round to the nearest 100  $400$

$68$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $68$  and 100

1	4	9	16	25
36	49	64	81	100

$$68 + 32 = 100$$

$$68 + 932 = 1000$$

$$68 + 22 = 90$$

$$68 + 112 = 180$$

$$68 + 292 = 360$$

$68$  cm

What is the perimeter of this square?

$$4 \times 68 \text{ cm} = 272 \text{ cm} = 2.72 \text{ m}$$

What is the area?

$$68 \text{ cm} \times 68 \text{ cm} = 4624 \text{ cm}^2$$

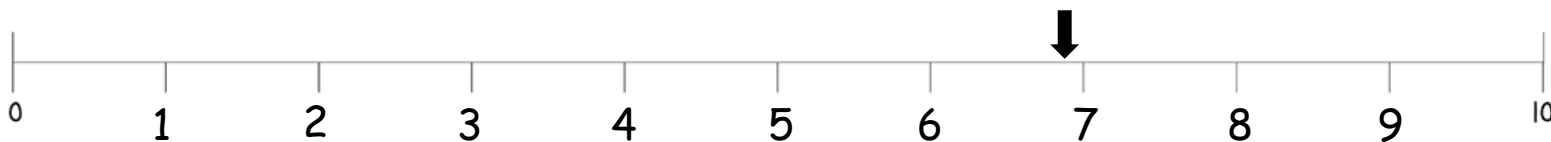
Circle the numbers larger than  $68$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 69

(30 to 90)

Label the number line and draw an arrow to estimate  $69 \div 10$



Radius =  $69$  mm  
Diameter =  
 $138\text{mm}$   
 $= 13.8\text{cm}$

$$69 \div 1 = 69$$

$$69 \div 2 = 34\text{r}1 \text{ or } 34 \frac{1}{2} \text{ or } 34.5$$

$$69 \div 4 = 17\text{r}1 \text{ or } 17 \frac{1}{4} \text{ or } 17.25$$

$$69 \div 5 = 13\text{r}4 \text{ or } 13 \frac{4}{5} \text{ or } 13.8$$

$$69 \div 8 = 8\text{r}5 \text{ or } 8 \frac{5}{8}$$

$$69 \div 10 = 6.9$$

Round to the nearest unit

7

$$69 \div 100 = 0.69$$

Double it

1.38

$$69 \times 10 = 690$$

Double it and add 200

1580

$$69 \times 100 = 6900$$

Find half and subtract 1200

2250

Work out all the factor pairs of  $69$

1 and 69

3 and 23

Circle the fractions  $69$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$69$  would be rounded down when rounded to the nearest 10 ☒

$69$  is divisible by 8 ☒

$69$  has 4 as a factor ☒

$69$  has more than 2 factor pairs ☒

$69$  is a prime number ☒

$69 + 34 < 68$  ☒

$132 < 69 + 52$  ☒

$69$  is divisible by 3 ☒

$69$  is within 10 of a square number ☒

$69$  is within 15 of a cube number ☒

Start with  $69$

Divide it by 10  $6.9$

Double your answer  $13.8$

Subtract 0.9  $12.9$

Add 3.5  $16.4$

Multiply it by 10  $164$

Round to the nearest 10  $160$

Add 200  $360$

Round to the nearest 100  $400$

$69$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $69$  and 100

1	4	9	16	25
36	49	64	81	100

$$69 + 31 = 100$$

$$69 + 931 = 1000$$

$$69 + 21 = 90$$

$$69 + 111 = 180$$

$$69 + 291 = 360$$

$69$  cm

What is the perimeter of this square?

$$4 \times 69 \text{ cm} = 276 \text{ cm} = 2.76 \text{ m}$$

What is the area?

$$69 \text{ cm} \times 69 \text{ cm} = 4761 \text{ cm}^2$$

Circle the numbers larger than  $69$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 70

(30 to 90)

Label the number line and draw an arrow to estimate  $70 \div 10$



Radius = **70** mm  
Diameter =  
**140mm**  
= 14cm

$$70 \div 1 = 70$$

$$70 \div 2 = 35$$

$$70 \div 4 = 17\text{r}2 \text{ or } 17\frac{1}{2} \text{ or } 17.5$$

$$70 \div 5 = 14$$

$$70 \div 8 = 8\text{r}6 \text{ or } 8\frac{3}{4} \text{ or } 8.75$$

$$70 \div 10 = 7$$

Round to the nearest unit

**7**

$$70 \div 100 = 0.7$$

Double it

**1.4**

$$70 \times 10 = 700$$

Double it and add 200

**1600**

$$70 \times 100 = 7000$$

Find half and subtract 1200

**2300**

Work out all the factor pairs of **70**

1 and 70

2 and 35

5 and 14

7 and 10

Circle the fractions **70** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**70** would be rounded down when rounded to the nearest 10 **x**

**70** is divisible by 8 **x**

**70** has 4 as a factor **x**

**70** has more than 2 factor pairs **✓**

**70** is a prime number **x**

**70** + 34 < 68 **x**

132 < **70** + 52 **x**

**70** is divisible by 3 **x**

**70** is within 10 of a square number **✓**

**70** is within 15 of a cube number **✓**

Start with **70**

Divide it by 10 **7.0**

Double your answer **14.0**

Subtract 0.9 **13.1**

Add 3.5 **16.6**

Multiply it by 10 **166**

Round to the nearest 10 **170**

Add 200 **370**

Round to the nearest 100 **400**

**70** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **70** and 100

1	4	9	16	25
36	49	64	81	100

$$70 + 30 = 100$$

$$70 + 930 = 1000$$

$$70 + 20 = 90$$

$$70 + 110 = 180$$

$$70 + 290 = 360$$

**70** cm

What is the perimeter of this square?

$$4 \times 70 \text{ cm} = 280 \text{ cm} = 2.8 \text{ m}$$

What is the area?

$$70 \text{ cm} \times 70 \text{ cm} = 4900 \text{ cm}^2$$

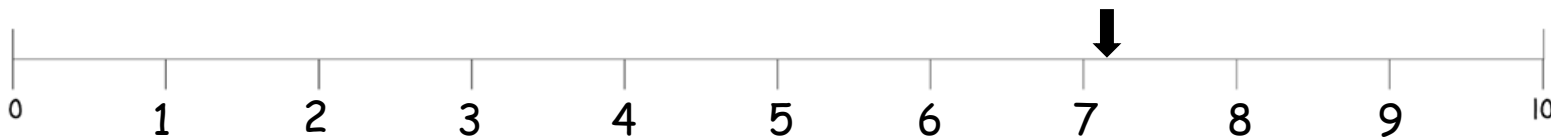
Circle the numbers larger than **70**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 71

(30 to 90)

Label the number line and draw an arrow to estimate  $71 \div 10$



Radius = **71** mm  
Diameter =  
**142mm**  
= 14.2cm

$$71 \div 1 = 71$$

$$71 \div 2 = 35r1 \text{ or } 35 \frac{1}{2} \text{ or } 35.5$$

$$71 \div 4 = 17r3 \text{ or } 17 \frac{3}{4} \text{ or } 17.75$$

$$71 \div 5 = 14r1 \text{ or } 14 \frac{1}{5} \text{ or } 14.2$$

$$71 \div 8 = 8r7 \text{ or } 8 \frac{7}{8}$$

$$71 \div 10 = 7.1$$

Round to the nearest unit

**7**

$$71 \div 100 = 0.71$$

Double it

**1.42**

$$71 \times 10 = 710$$

Double it and add 200

**1620**

$$71 \times 100 = 7100$$

Find half and subtract 1200

**2350**

Work out all the factor pairs of **71**

1 and 71

Circle the fractions **71** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**71** would be rounded down when rounded to the nearest 10 ☒

**71** is divisible by 8 ☒

**71** has 4 as a factor ☒

**71** has more than 2 factor pairs ☒

**71** is a prime number ☒

**71** + 34 < 68 ☒

132 < **71** + 52 ☒

**71** is divisible by 3 ☒

**71** is within 10 of a square number ☒

**71** is within 15 of a cube number ☒

Start with **71**

Divide it by 10 **7.1**

Double your answer **14.2**

Subtract 0.9 **13.3**

Add 3.5 **16.8**

Multiply it by 10 **168**

Round to the nearest 10 **170**

Add 200 **370**

Round to the nearest 100 **400**

**71** is a multiple of (circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **71** and 100

1	4	9	16	25
36	49	64	<input type="checkbox"/>	<input type="checkbox"/>
			81	100

$$71 + 29 = 100$$

$$71 + 929 = 1000$$

$$71 + 19 = 90$$

$$71 + 109 = 180$$

$$71 + 289 = 360$$

**71** cm

What is the perimeter of this square?

$$4 \times 71 \text{ cm} = 284 \text{ cm} = 2.84 \text{ m}$$

What is the area?

$$71 \text{ cm} \times 71 \text{ cm} = 5041 \text{ cm}^2$$

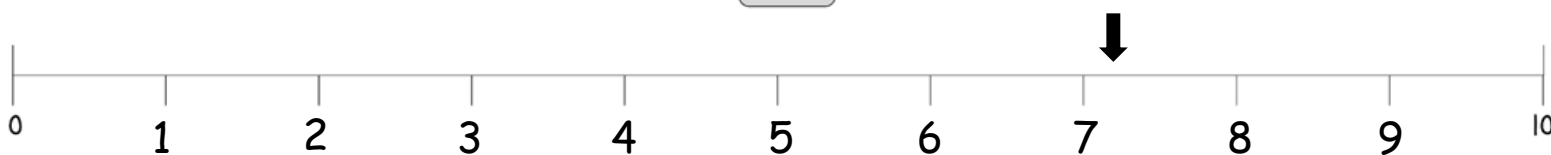
Circle the numbers larger than **71**

XXV (25)	LVI (56)
XXXIII (33)	<input type="checkbox"/>
<input type="checkbox"/>	LXXII (72)
XXIX (29)	C (100)
<input type="checkbox"/>	XIV (14)

# 72

(30 to 90)

Label the number line and draw an arrow to estimate  $72 \div 10$



Radius =  $72$  mm  
Diameter =  
 $144\text{mm}$   
 $= 14.4\text{cm}$

$$72 \div 1 = 72$$

$$72 \div 2 = 36$$

$$72 \div 4 = 18$$

$$72 \div 5 = 14\text{r}2 \text{ or } 14 \frac{2}{5} \text{ or } 14.4$$

$$72 \div 8 = 9$$

$$72 \div 10 = 7.2$$

Round to the nearest unit

7

$$72 \div 100 = 0.72$$

Double it

1.44

$$72 \times 10 = 720$$

Double it and add 200

1640

$$72 \times 100 = 7200$$

Find half and subtract 1200

2400

Work out all the factor pairs of  $72$

1 and 72

2 and 36

3 and 24

4 and 18

6 and 12

8 and 9

Circle the fractions  $72$  which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$72$  would be rounded down when rounded to the nearest 10 ☒

$72$  is divisible by 8 ☒

$72$  has 4 as a factor ☒

$72$  has more than 2 factor pairs ☒

$72$  is a prime number ☒

$72 + 34 < 68$  ☒

$132 < 72 + 52$  ☒

$72$  is divisible by 3 ☒

$72$  is within 10 of a square number ☒

$72$  is within 15 of a cube number ☒

Start with  $72$

Divide it by 10  $7.2$

Double your answer  $14.4$

Subtract 0.9  $13.5$

Add 3.5  $17$

Multiply it by 10  $170$

Round to the nearest 10  $170$

Add 200  $370$

Round to the nearest 100  $400$

$72$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $72$  and 100

1	4	9	16	25
36	49	64	81	100

$$72 + 28 = 100$$

$$72 + 928 = 1000$$

$$72 + 18 = 90$$

$$72 + 108 = 180$$

$$72 + 288 = 360$$

$72$  cm

What is the perimeter of this square?

$$4 \times 72 \text{ cm} = 288 \text{ cm} = 2.88 \text{ m}$$

What is the area?

$$72 \text{ cm} \times 72 \text{ cm} = 5184 \text{ cm}^2$$

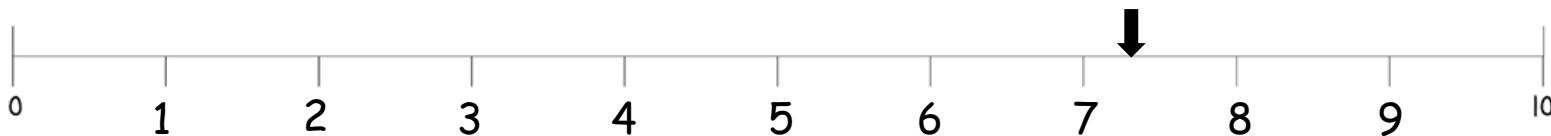
Circle the numbers larger than  $72$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 73

(30 to 90)

Label the number line and draw an arrow to estimate  $73 \div 10$



Radius = **73** mm  
Diameter =  
**146mm**  
= 14.6cm

$$73 \div 1 = 73$$

$$73 \div 2 = 36\text{r}1 \text{ or } 36 \frac{1}{2} \text{ or } 36.5$$

$$73 \div 4 = 18\text{r}1 \text{ or } 18 \frac{1}{4} \text{ or } 18.25$$

$$73 \div 5 = 14\text{r}3 \text{ or } 14 \frac{3}{5} \text{ or } 14.6$$

$$73 \div 8 = 9\text{r}1 \text{ or } 9 \frac{1}{8}$$

$$73 \div 10 = 7.3$$

Round to the nearest unit

**7**

$$73 \div 100 = 0.73$$

Double it

**1.46**

$$73 \times 10 = 730$$

Double it and add 200

**1660**

$$73 \times 100 = 7300$$

Find half and subtract 1200

**2450**

Work out all the factor pairs of **73**

1 and 73

Circle the fractions **73** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**73** would be rounded down when rounded to the nearest 10 ☒

**73** is divisible by 8 ☐

**73** has 4 as a factor ☐

**73** has more than 2 factor pairs ☐

**73** is a prime number ☒

**73** + 34 < 68 ☐

132 < **73** + 52 ☐

**73** is divisible by 3 ☐

**73** is within 10 of a square number ☒

**73** is within 15 of a cube number ☒

Start with **73**

Divide it by 10 **7.3**

Double your answer **14.6**

Subtract 0.9 **13.7**

Add 3.5 **17.2**

Multiply it by 10 **172**

Round to the nearest 10 **170**

Add 200 **370**

Round to the nearest 100 **400**

**73** is a multiple of (circle)

<input type="checkbox"/> 1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **73** and 100

1	4	9	16	25
36	49	64	<input type="checkbox"/> 81	<input type="checkbox"/> 100

$$73 + 27 = 100$$

$$73 + 927 = 1000$$

$$73 + 17 = 90$$

$$73 + 107 = 180$$

$$73 + 287 = 360$$

**73** cm

What is the perimeter of this square?

$$4 \times 73 \text{ cm} = 292 \text{ cm} = 2.92 \text{ m}$$

What is the area?

$$73 \text{ cm} \times 73 \text{ cm} = 5329 \text{ cm}^2$$

Circle the numbers larger than **73**

XXV (25)	LVI (56)
XXXIII (33)	<input checked="" type="checkbox"/> LXXXIII (83)
<input checked="" type="checkbox"/> LXXXVI (86)	LXXII (72)
XXIX (29)	<input checked="" type="checkbox"/> C (100)
<input checked="" type="checkbox"/> XCVI (96)	XIV (14)

# 74

(30 to 90)

Label the number line and draw an arrow to estimate  $74 \div 10$



Radius = **74** mm  
Diameter =  
**148mm**  
= **14.8cm**

$$74 \div 1 = 74$$

$$74 \div 2 = 37$$

$$74 \div 4 = 18\text{r}2 \text{ or } 18\frac{1}{2} \text{ or } 18.5$$

$$74 \div 5 = 14\text{r}4 \text{ or } 14\frac{4}{5} \text{ or } 14.8$$

$$74 \div 8 = 9\text{r}2 \text{ or } 9\frac{1}{4} \text{ or } 9.25$$

$$74 \div 10 = 7.4$$

Round to the nearest unit

**7**

$$74 \div 100 = 0.74$$

Double it

**1.48**

$$74 \times 10 = 740$$

Double it and add 200

**1680**

$$74 \times 100 = 7400$$

Find half and subtract 1200

**2500**

Work out all the factor pairs of **74**

1 and 74

2 and 37

Circle the fractions **74** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**74** would be rounded down when rounded to the nearest 10 ☒

**74** is divisible by 8 ☒

**74** has 4 as a factor ☒

**74** has more than 2 factor pairs ☒

**74** is a prime number ☒

**74** + 34 < 68 ☒

132 < **74** + 52 ☒

**74** is divisible by 3 ☒

**74** is within 10 of a square number ☒

**74** is within 15 of a cube number ☒

Start with **74**

Divide it by 10 **7.4**

Double your answer **14.8**

Subtract 0.9 **13.9**

Add 3.5 **17.4**

Multiply it by 10 **174**

Round to the nearest 10 **170**

Add 200 **370**

Round to the nearest 100 **400**

**74** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **74** and 100

1	4	9	16	25
36	49	64	81	100

$$74 + 26 = 100$$

$$74 + 926 = 1000$$

$$74 + 16 = 90$$

$$74 + 106 = 180$$

$$74 + 286 = 360$$

**74** cm

What is the perimeter of this square?

$$4 \times 74 \text{ cm} = 296 \text{ cm} = 2.96 \text{ m}$$

What is the area?

$$74 \text{ cm} \times 74 \text{ cm} = 5476 \text{ cm}^2$$

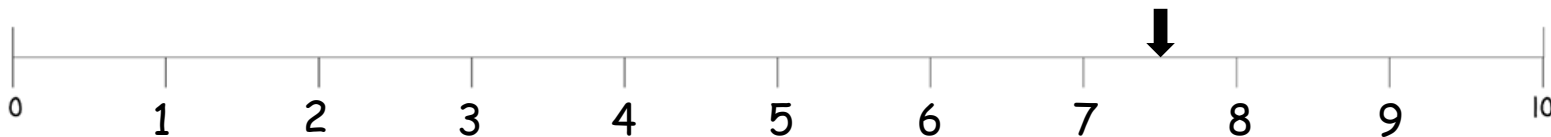
Circle the numbers larger than **74**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 75

(30 to 90)

Label the number line and draw an arrow to estimate  $75 \div 10$



Radius = **75** mm  
Diameter =  
**150mm**  
= **15 cm**

$$75 \div 1 = 75$$

$$75 \div 2 = 37\text{r}1 \text{ or } 37 \frac{1}{2} \text{ or } 37.5$$

$$75 \div 4 = 18\text{r}3 \text{ or } 18 \frac{3}{4} \text{ or } 18.75$$

$$75 \div 5 = 15$$

$$75 \div 8 = 9\text{r}3 \text{ or } 9 \frac{3}{8}$$

$$75 \div 10 = 7.5 \quad \text{Round to the nearest unit} \quad \mathbf{7}$$

$$75 \div 100 = 0.75 \quad \text{Double it} \quad \mathbf{1.50}$$

$$75 \times 10 = 750 \quad \text{Double it and add 200} \quad \mathbf{1700}$$

$$75 \times 100 = 7500 \quad \text{Find half and subtract 1200} \quad \mathbf{2550}$$

Work out all the factor pairs of **75**

1 and 75

3 and 25

5 and 15

Circle the fractions **75** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**75** would be rounded down when rounded to the nearest 10 ☒

**75** is divisible by 8 ☒

**75** has 4 as a factor ☒

**75** has more than 2 factor pairs ☒

**75** is a prime number ☒

**75** + 34 < 68 ☒

132 < **75** + 52 ☒

**75** is divisible by 3 ☒

**75** is within 10 of a square number ☒

**75** is within 15 of a cube number ☒

Start with **75**

Divide it by 10 **7.5**

Double your answer **15**

Subtract 0.9 **14.1**

Add 3.5 **17.6**

Multiply it by 10 **176**

Round to the nearest 10 **180**

Add 200 **380**

Round to the nearest 100 **400**

**75** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **75** and 100

1	4	9	16	25
36	49	64	81	100

$$75 + 25 = 100$$

$$75 + 925 = 1000$$

$$75 + 15 = 90$$

$$75 + 105 = 180$$

$$75 + 285 = 360$$

**75** cm

What is the perimeter of this square?

$$4 \times 75 \text{ cm} = 300 \text{ cm} = 3.0 \text{ m}$$

What is the area?

$$75 \text{ cm} \times 75 \text{ cm} = 5625 \text{ cm}^2$$

Circle the numbers larger than **75**

XXV (25)	LVI (56)
XXXIII (33)	<b>LXXXIII (83)</b>
<b>LXXXVI (86)</b>	LXXII (72)
XXIX (29)	<b>C (100)</b>
<b>XCVI (96)</b>	XIV (14)

# 76

(30 to 90)

Label the number line and draw an arrow to estimate  $76 \div 10$



Radius = **76** mm  
Diameter =  
**152mm**  
= 15.2cm

$$76 \div 1 = 76$$

$$76 \div 2 = 38$$

$$76 \div 4 = 19$$

$$76 \div 5 = 15r1 \text{ or } 15 \frac{1}{5} \text{ or } 15.2$$

$$76 \div 8 = 9r4 \text{ or } 9 \frac{1}{2} \text{ or } 9.5$$

$$76 \div 10 = 7.6$$

Round to the nearest unit

**8**

$$76 \div 100 = 0.76$$

Double it

**1.52**

$$76 \times 10 = 760$$

Double it and add 200

**1720**

$$76 \times 100 = 7600$$

Find half and subtract 1200

**2600**

Work out all the factor pairs of **76**

1 and 76

2 and 38

4 and 19

Circle the fractions **76** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**76** would be rounded down when rounded to the nearest 10 ☒

**76** is divisible by 8 ☒

**76** has 4 as a factor ☒

**76** has more than 2 factor pairs ☒

**76** is a prime number ☒

**76** + 34 < 68 ☒

132 < **76** + 52 ☒

**76** is divisible by 3 ☒

**76** is within 10 of a square number ☒

**76** is within 15 of a cube number ☒

Start with **76**

Divide it by 10 **7.6**

Double your answer **15.2**

Subtract 0.9 **14.3**

Add 3.5 **17.8**

Multiply it by 10 **178**

Round to the nearest 10 **180**

Add 200 **380**

Round to the nearest 100 **400**

**76** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **76** and 100

1	4	9	16	25
36	49	64	81	100

$$76 + 24 = 100$$

$$76 + 924 = 1000$$

$$76 + 14 = 90$$

$$76 + 104 = 180$$

$$76 + 284 = 360$$

**76** cm

What is the perimeter of this square?

$$4 \times 76 \text{ cm} = 304 \text{ cm} = 3.04 \text{ m}$$

What is the area?

$$76 \text{ cm} \times 76 \text{ cm} = 5776 \text{ cm}^2$$

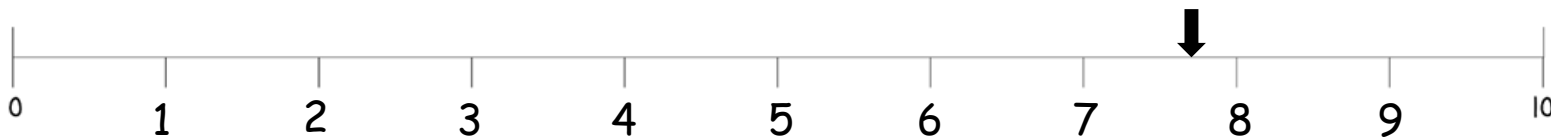
Circle the numbers larger than **76**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 77

(30 to 90)

Label the number line and draw an arrow to estimate  $77 \div 10$



Radius = **77** mm  
Diameter =  
**154mm**  
= 15.4cm

$$77 \div 1 = 77$$

$$77 \div 2 = 38\text{r}1 \text{ or } 38\frac{1}{2} \text{ or } 38.5$$

$$77 \div 4 = 19\text{r}1 \text{ or } 9\frac{1}{4} \text{ or } 9.5$$

$$77 \div 5 = 15\text{r}2 \text{ or } 152/5 \text{ or } 15.4$$

$$77 \div 8 = 9\text{r}5 \text{ or } 9\frac{5}{8}$$

$$77 \div 10 = 7.7$$

Round to the nearest unit

**8**

$$77 \div 100 = 0.77$$

Double it

**1.54**

$$77 \times 10 = 770$$

Double it and add 200

**1740**

$$77 \times 100 = 7700$$

Find half and subtract 1200

**2650**

Work out all the factor pairs of **77**

1 and 77

7 and 11

Circle the fractions **77** which are bigger than  $\frac{100}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**77** would be rounded down when rounded to the nearest 10 **✗**

**77** is divisible by 8 **✗**

**77** has 4 as a factor **✗**

**77** has more than 2 factor pairs **✗**

**77** is a prime number **✗**

**77** + 34 < 68 **✗**

132 < **77** + 52 **✗**

**77** is divisible by 3 **✗**

**77** is within 10 of a square number **✓**

**77** is within 15 of a cube number **✓**

Start with **77**

Divide it by 10 **7.7**

Double your answer **15.4**

Subtract 0.9 **14.5**

Add 3.5 **18**

Multiply it by 10 **180**

Round to the nearest 10 **180**

Add 200 **380**

Round to the nearest 100 **400**

**77** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **77** and 100

1	4	9	16	25
36	49	64	81	100

$$77 + 23 = 100$$

$$77 + 923 = 1000$$

$$77 + 13 = 90$$

$$77 + 103 = 180$$

$$77 + 283 = 360$$

**77** cm

What is the perimeter of this square?

$$4 \times 77 \text{ cm} = 308 \text{ cm} = 3.08 \text{ m}$$

What is the area?

$$77 \text{ cm} \times 77 \text{ cm} = 5929 \text{ cm}^2$$

Circle the numbers larger than **77**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 78

(30 to 90)

Label the number line and draw an arrow to estimate  $78 \div 10$



Radius = **78** mm  
Diameter =  
**156mm**  
= 15.6cm

$$78 \div 1 = 78$$

$$78 \div 2 = 39$$

$$78 \div 4 = 19\text{r}2 \text{ or } 19 \frac{1}{2} \text{ or } 19.5$$

$$78 \div 5 = 15\text{r}3 \text{ or } 15 \frac{3}{5} \text{ or } 15.6$$

$$78 \div 8 = 9\text{r}6 \text{ or } 9 \frac{3}{4} \text{ or } 9.75$$

$$78 \div 10 = 7.8$$

Round to the nearest unit

**8**

$$78 \div 100 = 0.78$$

Double it

**1.56**

$$78 \times 10 = 780$$

Double it and add 200

**1760**

$$78 \times 100 = 7800$$

Find half and subtract 1200

**2700**

Work out all the factor pairs of **78**

1 and 78

2 and 39

6 and 13

Circle the fractions **78** which are bigger than  $\frac{100}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**78** would be rounded down when rounded to the nearest 10 ☒

**78** is divisible by 8 ☒

**78** has 4 as a factor ☒

**78** has more than 2 factor pairs ☒

**78** is a prime number ☒

**78** + 34 < 68 ☒

132 < **78** + 52 ☒

**78** is divisible by 3 ☒

**78** is within 10 of a square number ☒

**78** is within 15 of a cube number ☒

Start with **78**

Divide it by 10 **7.8**

Double your answer **15.6**

Subtract 0.9 **14.7**

Add 3.5 **18.2**

Multiply it by 10 **182**

Round to the nearest 10 **180**

Add 200 **380**

Round to the nearest 100 **400**

**78** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **78** and 100

1	4	9	16	25
36	49	64	81	100

$$78 + 22 = 100$$

$$78 + 922 = 1000$$

$$78 + 12 = 90$$

$$78 + 102 = 180$$

$$78 + 282 = 360$$

**78** cm

What is the perimeter of this square?

$$4 \times 78 \text{ cm} = 312 \text{ cm} = 3.12 \text{ m}$$

What is the area?

$$78 \text{ cm} \times 78 \text{ cm} = 6084 \text{ cm}^2$$

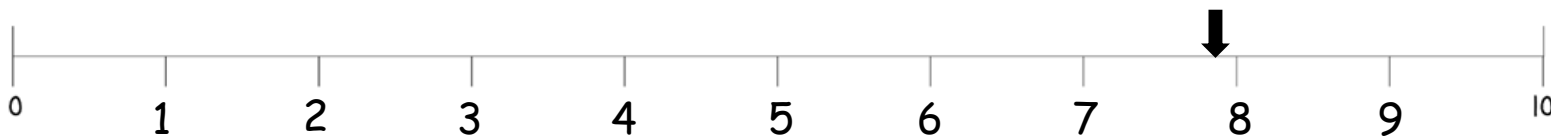
Circle the numbers larger than **78**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 79

(30 to 90)

Label the number line and draw an arrow to estimate  $79 \div 10$



Radius = **79** mm  
Diameter =  
**158mm**  
= 15.8cm

$$79 \div 1 = 79$$

$$79 \div 2 = 39\text{r}1 \text{ or } 39 \frac{1}{2} \text{ or } 39.5$$

$$79 \div 4 = 19\text{r}3 \text{ or } 19 \frac{3}{4} \text{ or } 19.75$$

$$79 \div 5 = 15\text{r}4 \text{ or } 15 \frac{4}{5} \text{ or } 15.8$$

$$79 \div 8 = 9\text{r}7 \text{ or } 9 \frac{7}{8}$$

$$79 \div 10 = 7.9$$

Round to the nearest unit

**8**

$$79 \div 100 = 0.79$$

Double it

**1.58**

$$79 \times 10 = 790$$

Double it and add 200

**1780**

$$79 \times 100 = 7900$$

Find half and subtract 1200

**2750**

Work out all the factor pairs of **79**

1 and 79

Circle the fractions **79** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**79** would be rounded down when rounded to the nearest 10 **x**

**79** is divisible by 8 **x**

**79** has 4 as a factor **x**

**79** has more than 2 factor pairs **✓**

**79** is a prime number **✓**

**79** + 34 < 68 **x**

132 < **79** + 52 **x**

**79** is divisible by 3 **x**

**79** is within 10 of a square number **✓**

**79** is within 15 of a cube number **✓**

Start with **79**

Divide it by 10 **7.9**

Double your answer **15.8**

Subtract 0.9 **14.9**

Add 3.5 **18.4**

Multiply it by 10 **184**

Round to the nearest 10 **180**

Add 200 **380**

Round to the nearest 100 **400**

**79** is a multiple of (circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **79** and 100

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	4	9	16	25
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	49	64	81	100

$$79 + 21 = 100$$

$$79 + 921 = 1000$$

$$79 + 11 = 90$$

$$79 + 101 = 180$$

$$79 + 281 = 360$$

**79** cm

What is the perimeter of this square?

$$4 \times 79 \text{ cm} = 316 \text{ cm} = 3.16 \text{ m}$$

What is the area?

$$79 \text{ cm} \times 79 \text{ cm} = 6241 \text{ cm}^2$$

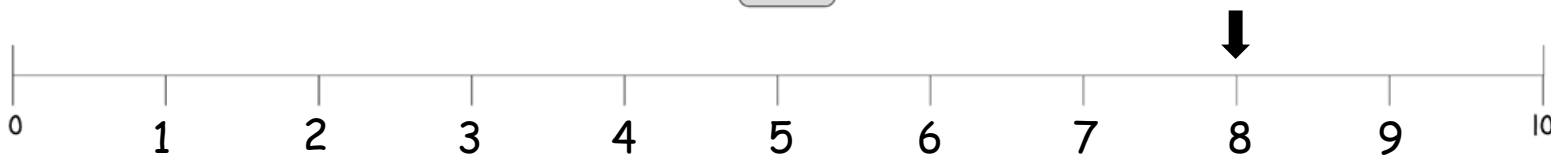
Circle the numbers larger than **79**

XXV (25)	LVI (56)
XXXIII (33)	<b>LXXXIII (83)</b>
<b>LXXXVI (86)</b>	LXXII (72)
XXIX (29)	<b>C (100)</b>
<b>XCVI (96)</b>	XIV (14)

# 80

(30 to 90)

Label the number line and draw an arrow to estimate  $80 \div 10$



Radius =  $80$  mm  
Diameter =  
 $160\text{mm}$   
 $= 16\text{cm}$

$$80 \div 1 = 80$$

$$80 \div 2 = 40$$

$$80 \div 4 = 20$$

$$80 \div 5 = 16$$

$$80 \div 8 = 10$$

$$80 \div 10 = 8$$

Round to the nearest unit  $8$

$$80 \div 100 = 0.8$$

Double it  $1.6$

$$80 \times 10 = 800$$

Double it and add 200  $1800$

$$80 \times 100 = 8000$$

Find half and subtract 1200  $2800$

Work out all the factor pairs of  $80$

1 and 80  
2 and 40  
4 and 20  
5 and 16  
8 and 10

Circle the fractions  $80$  which are bigger than  $100$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$80$  would be rounded down when rounded to the nearest 10 ☒

$80$  is divisible by 8 ☒

$80$  has 4 as a factor ☒

$80$  has more than 2 factor pairs ☒

$80$  is a prime number ☒

$80 + 34 < 68$  ☒

$132 < 80 + 52$  ☒

$80$  is divisible by 3 ☒

$80$  is within 10 of a square number ☒

$80$  is within 15 of a cube number ☒

Start with  $80$

Divide it by 10  $8$

Double your answer  $16$

Subtract 0.9  $15.1$

Add 3.5  $18.6$

Multiply it by 10  $186$

Round to the nearest 10  $190$

Add 200  $390$

Round to the nearest 100  $400$

$80$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $80$  and 100

1	4	9	16	25
36	49	64	81	100

$$80 + 20 = 100$$

$$80 + 920 = 1000$$

$$80 + 10 = 90$$

$$80 + 100 = 180$$

$$80 + 280 = 360$$

$80$  cm

What is the perimeter of this square?

$$4 \times 80 \text{ cm} = 320\text{cm} = 3.2\text{m}$$

What is the area?

$$80 \text{ cm} \times 80 \text{ cm} = 6400 \text{ cm}^2$$

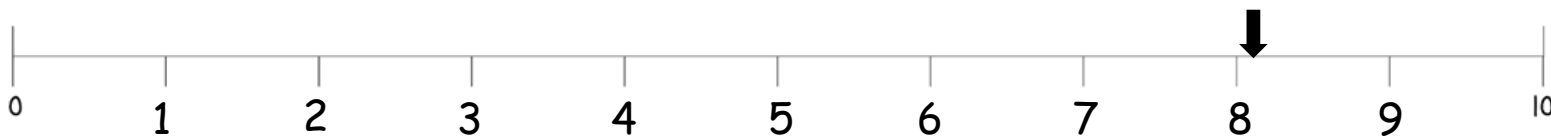
Circle the numbers larger than  $80$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 81

(30 to 90)

Label the number line and draw an arrow to estimate  $81 \div 10$



Radius = **81** mm  
Diameter =  
**162mm**  
= **16.2cm**

$$81 \div 1 = 81$$

$$81 \div 2 = 40\text{r}1 \text{ } 40 \frac{1}{2} \text{ or } 40.5$$

$$81 \div 4 = 20\text{r}1 \text{ or } 20 \frac{1}{4} \text{ or } 20.25$$

$$81 \div 5 = 16\text{r}1 \text{ or } 16 \frac{1}{5} \text{ or } 16.2$$

$$81 \div 8 = 10\text{r}1 \text{ or } 10 \frac{1}{8}$$

$$81 \div 10 = 8.1$$

Round to the nearest unit

**8**

$$81 \div 100 = 0.81$$

Double it

**1.62**

$$81 \times 10 = 810$$

Double it and add 200

**1820**

$$81 \times 100 = 8100$$

Find half and subtract 1200

**2850**

Work out all the factor pairs of **81**

1 and 81

3 and 27

9 and 9

Circle the fractions **81** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**81** would be rounded down when rounded to the nearest 10 ☒

**81** is divisible by 8 ☒

**81** has 4 as a factor ☒

**81** has more than 2 factor pairs ☒

**81** is a prime number ☒

**81** + 34 < 68 ☒

132 < **81** + 52 ☒

**81** is divisible by 3 ☒

**81** is within 10 of a square number ☒

**81** is within 15 of a cube number ☒

Start with **81**

Divide it by 10 **8.1**

Double your answer **16.2**

Subtract 0.9 **15.3**

Add 3.5 **18.8**

Multiply it by 10 **188**

Round to the nearest 10 **190**

Add 200 **390**

Round to the nearest 100 **400**

**81** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **81** and 100

1	4	9	16	25
36	49	64	81	100

$$81 + 19 = 100$$

$$81 + 919 = 1000$$

$$81 + 9 = 90$$

$$81 + 99 = 180$$

$$81 + 279 = 360$$

**81** cm

What is the perimeter of this square?

$$4 \times 81 \text{ cm} = 324 \text{ cm} = 3.24 \text{ m}$$

What is the area?

$$81 \text{ cm} \times 81 \text{ cm} = 6561 \text{ cm}^2$$

Circle the numbers larger than **81**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 82

(30 to 90)

Label the number line and draw an arrow to estimate  $82 \div 10$



Radius =  $82$  mm  
Diameter =  
 $164\text{mm}$   
 $= 16.4\text{cm}$

$$82 \div 1 = 82$$

$$82 \div 2 = 41$$

$$82 \div 4 = 20\text{r}2 \text{ or } 20 \frac{1}{2} \text{ or } 20.5$$

$$82 \div 5 = 16\text{r}2 \text{ or } 16 \frac{2}{5} \text{ or } 16.4$$

$$82 \div 8 = 10\text{r}2 \text{ or } 10 \frac{1}{4} \text{ or } 10.25$$

$$82 \div 10 = 8.2$$

Round to the nearest unit

8

$$82 \div 100 = 0.82$$

Double it

1.64

$$82 \times 10 = 820$$

Double it and add 200

1840

$$82 \times 100 = 8200$$

Find half and subtract 1200

2900

Work out all the factor pairs of  $82$

1 and 82

2 and 41

Circle the fractions  $82$  which are bigger than  $\frac{100}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$82$  would be rounded down when rounded to the nearest 10 ☒

$82$  is divisible by 8 ☒

$82$  has 4 as a factor ☒

$82$  has more than 2 factor pairs ☒

$82$  is a prime number ☒

$82 + 34 < 68$  ☒

$132 < 82 + 52$  ☒

$82$  is divisible by 3 ☒

$82$  is within 10 of a square number ☒

$82$  is within 15 of a cube number ☒

Start with  $82$

Divide it by 10  $8.2$

Double your answer  $16.4$

Subtract 0.9  $15.5$

Add 3.5  $19$

Multiply it by 10  $190$

Round to the nearest 10  $190$

Add 200  $390$

Round to the nearest 100  $400$

$82$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $82$  and 100

1	4	9	16	25
36	49	64	81	100

$$82 + 18 = 100$$

$$82 + 918 = 1000$$

$$82 + 8 = 90$$

$$82 + 98 = 180$$

$$82 + 278 = 360$$

$82$  cm

What is the perimeter of this square?

$$4 \times 82 \text{ cm} = 328 \text{ cm} = 3.28 \text{ m}$$

What is the area?

$$82 \text{ cm} \times 82 \text{ cm} = 6724 \text{ cm}^2$$

Circle the numbers larger than  $82$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 83

(30 to 90)

Label the number line and draw an arrow to estimate  $83 \div 10$



Radius =  $83$  mm  
Diameter =  
 $166\text{mm}$   
 $= 16.6\text{cm}$

$$83 \div 1 = 83$$

$$83 \div 2 = 41\text{r}1 \text{ or } 41\frac{1}{2} \text{ or } 41.5$$

$$83 \div 4 = 20\text{r}3 \text{ or } 20\frac{3}{4} \text{ or } 20.45$$

$$83 \div 5 = 16\text{r}3 \text{ or } 16\frac{3}{5} \text{ or } 16.6$$

$$83 \div 8 = 10\text{r}3 \text{ or } 10\frac{3}{8}$$

$$83 \div 10 = 8.3 \quad \text{Round to the nearest unit} \quad 8$$

$$83 \div 100 = 0.83 \quad \text{Double it} \quad 1.66$$

$$83 \times 10 = 830 \quad \text{Double it and add 200} \quad 1860$$

$$83 \times 100 = 8300 \quad \text{Find half and subtract 1200} \quad 2950$$

Work out all the factor pairs of  $83$

1 and 83

Circle the fractions  $83$  which are bigger than  $100$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

$83$  would be rounded down when rounded to the nearest 10 ☒

$83$  is divisible by 8 ☒

$83$  has 4 as a factor ☒

$83$  has more than 2 factor pairs ☒

$83$  is a prime number ☒

$83 + 34 < 68$  ☒

$132 < 83 + 52$  ☒

$83$  is divisible by 3 ☒

$83$  is within 10 of a square number ☒

$83$  is within 15 of a cube number ☒

Start with  $83$

Divide it by 10  $8.3$

Double your answer  $16.6$

Subtract 0.9  $15.7$

Add 3.5  $19.2$

Multiply it by 10  $192$

Round to the nearest 10  $190$

Add 200  $390$

Round to the nearest 100  $400$

$83$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $83$  and 100

1	4	9	16	25
36	49	64	81	100

$$83 + 17 = 100$$

$$83 + 917 = 1000$$

$$83 + 7 = 90$$

$$83 + 97 = 180$$

$$83 + 277 = 360$$

$83$  cm

What is the perimeter of this square?

$$4 \times 83 \text{ cm} = 332\text{cm} = 3.32\text{m}$$

What is the area?

$$83 \text{ cm} \times 83 \text{ cm} = 6889 \text{ cm}^2$$

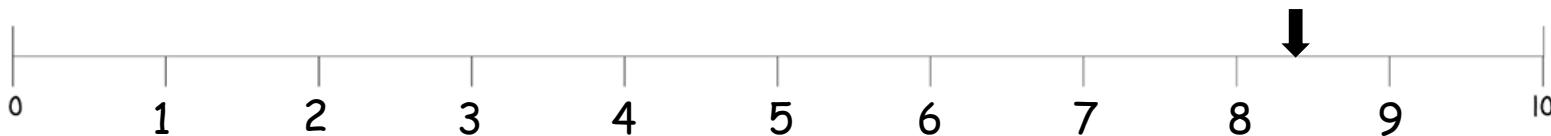
Circle the numbers larger than  $83$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 84

(30 to 90)

Label the number line and draw an arrow to estimate  $84 \div 10$



Radius = **84** mm  
Diameter =  
**168mm**  
= 16.8cm

$$84 \div 1 = 84$$

$$84 \div 2 = 42$$

$$84 \div 4 = 21$$

$$84 \div 5 = 16\text{r}4 \text{ or } 16 \frac{4}{5} \text{ or } 16.8$$

$$84 \div 8 = 10\text{r}4 \text{ or } 10 \frac{1}{2} \text{ or } 10.5$$

$$84 \div 10 = 8.4 \text{ Round to the nearest unit}$$

**8**

$$84 \div 100 = 0.84 \text{ Double it}$$

**1.68**

$$84 \times 10 = 840 \text{ Double it and add 200}$$

**1880**

$$84 \times 100 = 8400 \text{ Find half and subtract 1200}$$

**3000**

Work out all the factor pairs of **84**

1 and 84  
2 and 42  
3 and 28  
4 and 21  
6 and 14  
7 and 12

Circle the fractions **84** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**84** would be rounded down when rounded to the nearest 10 ☒

**84** is divisible by 8 ☒

**84** has 4 as a factor ☒

**84** has more than 2 factor pairs ☒

**84** is a prime number ☒

**84** + 34 < 68 ☒

132 < **84** + 52 ☒

**84** is divisible by 3 ☒

**84** is within 10 of a square number ☒

**84** is within 15 of a cube number ☒

Start with **84**

Divide it by 10 **8.4**

Double your answer **16.8**

Subtract 0.9 **15.9**

Add 3.5 **19.4**

Multiply it by 10 **194**

Round to the nearest 10 **190**

Add 200 **390**

Round to the nearest 100 **400**

**84** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **84** and 100

1	4	9	16	25
36	49	64	81	100

$$84 + 16 = 100$$

$$84 + 916 = 1000$$

$$84 + 6 = 90$$

$$84 + 96 = 180$$

$$84 + 276 = 360$$

**84** cm

What is the perimeter of this square?

$$4 \times 84 \text{ cm} = 336 \text{ cm} = 3.36 \text{ m}$$

What is the area?

$$84 \text{ cm} \times 84 \text{ cm} = 7056 \text{ cm}^2$$

Circle the numbers larger than **84**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
<b>LXXXVI (86)</b>	<b>LXXII (72)</b>
XXIX (29)	<b>C (100)</b>
<b>XCVI (96)</b>	XIV (14)

# 85

(30 to 90)

Label the number line and draw an arrow to estimate  $85 \div 10$



Radius = **85** mm  
Diameter =  
**170mm**  
= **17cm**

$$85 \div 1 = 85$$

$$85 \div 2 = 42\text{r}1 \text{ or } 42 \frac{1}{2} \text{ or } 42.5$$

$$85 \div 4 = 21\text{r}1 \text{ or } 21 \frac{1}{4} \text{ or } 21.25$$

$$85 \div 5 = 17$$

$$85 \div 8 = 10\text{r}5 \text{ or } 10 \frac{5}{8}$$

$$85 \div 10 = 8.5 \quad \text{Round to the nearest unit} \quad \mathbf{8}$$

$$85 \div 100 = 0.85 \quad \text{Double it} \quad \mathbf{1.7}$$

$$85 \times 10 = 850 \quad \text{Double it and add 200} \quad \mathbf{1900}$$

$$85 \times 100 = 8500 \quad \text{Find half and subtract 1200} \quad \mathbf{3050}$$

Work out all the factor pairs of **85**

1 and 85

5 and 17

Circle the fractions **85** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
---------------	---------------	---------------	---------------	---------------	---------------	----------------	----------------

Tick the true statements

**85** would be rounded down when rounded to the nearest 10 **x**

**85** is divisible by 8 **x**

**85** has 4 as a factor **x**

**85** has more than 2 factor pairs **x**

**85** is a prime number **x**

**85** + 34 < 68 **x**

132 < **85** + 52 **✓**

**85** is divisible by 3 **x**

**85** is within 10 of a square number **✓**

**85** is within 15 of a cube number **x**

Start with **85**

Divide it by 10 **8.5**

Double your answer **17**

Subtract 0.9 **16.1**

Add 3.5 **19.6**

Multiply it by 10 **196**

Round to the nearest 10 **200**

Add 200 **400**

Round to the nearest 100 **400**

**85** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **85** and 100

1	4	9	16	25
36	49	64	81	100

$$85 + 15 = 100$$

$$85 + 915 = 1000$$

$$85 + 5 = 90$$

$$85 + 95 = 180$$

$$85 + 275 = 360$$

**85** cm

What is the perimeter of this square?

$$4 \times 85\text{cm} = 340\text{cm} = 3.4\text{m}$$

What is the area?

$$85\text{ cm} \times 85\text{ cm} = 7225\text{ cm}^2$$

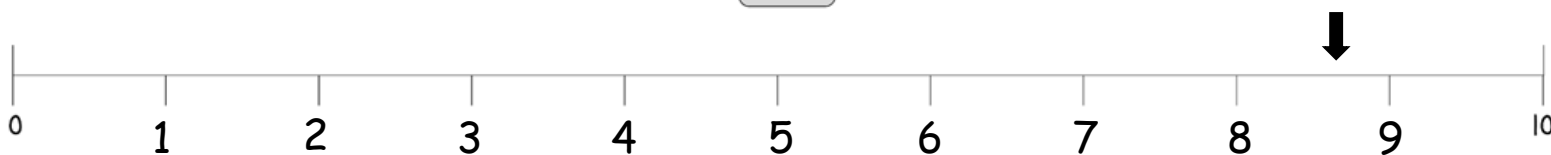
Circle the numbers larger than **85**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
<b>LXXXVI (86)</b>	<b>LXXII (72)</b>
XXIX (29)	<b>C (100)</b>
<b>XCVI (96)</b>	XIV (14)

# 86

(30 to 90)

Label the number line and draw an arrow to estimate  $86 \div 10$



Radius =  $86$  mm  
Diameter =  
 $172\text{mm}$   
 $= 17.2\text{cm}$

$$86 \div 1 = 86$$

$$86 \div 2 = 43$$

$$86 \div 4 = 21\text{r}2 \text{ or } 21 \frac{1}{2} \text{ or } 21.5$$

$$86 \div 5 = 17\text{r}1 \text{ or } 17 \frac{1}{5} \text{ or } 17.2$$

$$86 \div 8 = 10\text{r}6 \text{ or } 10 \frac{3}{4} \text{ or } 10.75$$

$$86 \div 10 = 8.6$$

Round to the nearest unit

9

$$86 \div 100 = 0.86$$

Double it

1.72

$$86 \times 10 = 860$$

Double it and add 200

1920

$$86 \times 100 = 8600$$

Find half and subtract 1200

3100

Work out all the factor pairs of

86

1 and 86

2 and 43

Circle the fractions  $86$  which are bigger than  $\frac{100}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

$86$  would be rounded down when rounded to the nearest 10 ☒

$86$  is divisible by 8 ☒

$86$  has 4 as a factor ☒

$86$  has more than 2 factor pairs ☒

$86$  is a prime number ☒

$86 + 34 < 68$  ☒

$132 < 86 + 52$  ☒

$86$  is divisible by 3 ☒

$86$  is within 10 of a square number ☒

$86$  is within 15 of a cube number ☒

Start with  $86$

Divide it by 10  $8.6$

Double your answer  $17.2$

Subtract 0.9  $16.3$

Add 3.5  $19.8$

Multiply it by 10  $198$

Round to the nearest 10  $200$

Add 200  $400$

Round to the nearest 100  $400$

$86$  is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between  $86$  and 100

1	4	9	16	25
36	49	64	81	100

$$86 + 14 = 100$$

$$86 + 914 = 1000$$

$$86 + 4 = 90$$

$$86 + 94 = 180$$

$$86 + 274 = 360$$

$86$  cm

What is the perimeter of this square?

$$4 \times 86\text{cm} = 344\text{cm} = 3.44\text{m}$$

What is the area?

$$86\text{ cm} \times 86\text{ cm} = 7396\text{ cm}^2$$

Circle the numbers larger than  $86$

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 87

(30 to 90)

Label the number line and draw an arrow to estimate  $87 \div 10$



Radius = **87** mm  
Diameter =  
**174mm**  
= **17.4cm**

$$87 \div 1 = 87$$

$$87 \div 2 = 43\text{r}1 \text{ or } 43 \frac{1}{2} \text{ or } 43.5$$

$$87 \div 4 = 21\text{r}3 \text{ or } 21 \frac{3}{4} \text{ or } 21.75$$

$$87 \div 5 = 17\text{r}2 \text{ or } 17 \frac{2}{5} \text{ or } 17.4$$

$$87 \div 8 = 10\text{r}7 \text{ or } 10 \frac{7}{8}$$

$$87 \div 10 = 8.7 \text{ Round to the nearest unit}$$

**9**

$$87 \div 100 = 0.87 \text{ Double it}$$

**1.74**

$$87 \times 10 = 870 \text{ Double it and add 200}$$

**1940**

$$87 \times 100 = 8700 \text{ Find half and subtract 1200}$$

**3150**

Work out all the factor pairs of **87**

1 and 87

3 and 29

Circle the fractions **87** which are bigger than  $\frac{100}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

**87** would be rounded down when rounded to the nearest 10 **x**

**87** is divisible by 8 **x**

**87** has 4 as a factor **x**

**87** has more than 2 factor pairs **x**

**87** is a prime number **x**

**87** + 34 < 68 **x**

132 < **87** + 52 **✓**

**87** is divisible by 3 **✓**

**87** is within 10 of a square number **✓**

**87** is within 15 of a cube number **x**

Start with **87**

Divide it by 10 **8.7**

Double your answer **17.4**

Subtract 0.9 **16.5**

Add 3.5 **20**

Multiply it by 10 **200**

Round to the nearest 10 **200**

Add 200 **400**

Round to the nearest 100 **400**

**87** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **87** and 100

1	4	9	16	25
36	49	64	81	100

$$87 + 13 = 100$$

$$87 + 913 = 1000$$

$$87 + 3 = 90$$

$$87 + 93 = 180$$

$$87 + 273 = 360$$

**87** cm

What is the perimeter of this square?

$$4 \times 87\text{cm} = 348\text{cm} = 3.48\text{m}$$

What is the area?

$$87\text{ cm} \times 87\text{ cm} = 7569\text{ cm}^2$$

Circle the numbers larger than **87**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

88

(30 to 90)

Label the number line and draw an arrow to estimate  $88 \div 10$ 

Radius = 88 mm

Diameter =  
176mm  
= 17.6cm

$88 \div 1 = 88$

$88 \div 2 = 44$

$88 \div 4 = 22$

$88 \div 5 = 17\text{r}3 \text{ or } 17 \frac{3}{5} \text{ or } 17.6$

$88 \div 8 = 11$

$88 \div 10 = 8.8$

Round to the  
nearest unit

9

$88 \div 100 = 0.88$

Double it

1.76

$88 \times 10 = 880$

Double it  
and add 200

1960

$88 \times 100 = 8800$

Find half and  
subtract 1200

3200

Work out all the  
factor pairs of 88

1 and 88

2 and 44

4 and 22

8 and 11

Circle the fractions 88  
which are bigger than  $\frac{100}{100}$ 

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

88 would be rounded down when  
rounded to the nearest 10 ☒88 is divisible by 8 ☒88 has 4 as a factor ☒88 has more than 2 factor pairs ☒88 is a prime number ☒ $88 + 34 < 68$  ☒ $132 < 88 + 52$  ☒88 is divisible by 3 ☒88 is within 10 of a square number ☒88 is within 15 of a cube number ☒

Start with 88

Divide it by 10 8.8

Double your  
answer 17.6

Subtract 0.9 16.7

Add 3.5 20.2

Multiply it by  
10 202Round to the  
nearest 10 200

Add 200 400

Round to the  
nearest 100 400

88 is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle  
any which are between 88 and 100

1	4	9	16	25
36	49	64	81	100

$88 + 12 = 100$

$88 + 912 = 1000$

$88 + 2 = 90$

$88 + 92 = 180$

$88 + 272 = 360$

88 cm

What is the perimeter  
of this square?

$4 \times 88\text{cm}$   
 $= 352\text{cm} = 3.52\text{m}$

What is the area?

$88\text{ cm} \times 88\text{ cm}$   
 $= 7744\text{ cm}^2$

Circle the numbers  
larger than 88

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)

# 89

(30 to 90)

Label the number line and draw an arrow to estimate  $89 \div 10$



Radius = **89** mm  
Diameter =  
**178mm**  
= **17.8cm**

$$89 \div 1 = 89$$

$$89 \div 2 = 44\text{r}1 \text{ or } 44 \frac{1}{2} \text{ or } 44.5$$

$$89 \div 4 = 22\text{r}1 \text{ or } 22 \frac{1}{4} \text{ or } 22.25$$

$$89 \div 5 = 17\text{r}4 \text{ or } 17 \frac{4}{5} \text{ or } 17.8$$

$$89 \div 8 = 11\text{r}1 \text{ or } 11 \frac{1}{8}$$

$$89 \div 10 = 8.9$$

Round to the nearest unit

**9**

$$89 \div 100 = 0.89$$

Double it

**1.78**

$$89 \times 10 = 890$$

Double it and add 200

**1980**

$$89 \times 100 = 8900$$

Find half and subtract 1200

**3250**

Work out all the factor pairs of **89**

1 and 89

Circle the fractions **89** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

**89** would be rounded down when rounded to the nearest 10 **x**

**89** is divisible by 8 **x**

**89** has 4 as a factor **x**

**89** has more than 2 factor pairs **x**

**89** is a prime number **✓**

**89** + 34 < 68 **x**

132 < **89** + 52 **✓**

**89** is divisible by 3 **x**

**89** is within 10 of a square number **✓**

**89** is within 15 of a cube number **x**

Start with **89**

Divide it by 10 **8.9**

Double your answer **17.8**

Subtract 0.9 **16.9**

Add 3.5 **20.4**

Multiply it by 10 **204**

Round to the nearest 10 **200**

Add 200 **400**

Round to the nearest 100 **400**

**89** is a multiple of (circle)

<b>1</b>	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **89** and 100

1	4	9	16	25
36	49	64	81	<b>100</b>

$$89 + 11 = 100$$

$$89 + 911 = 1000$$

$$89 + 1 = 90$$

$$89 + 91 = 180$$

$$89 + 271 = 360$$

**89** cm

What is the perimeter of this square?

$$4 \times 89\text{cm} = 356\text{cm} = 3.56\text{m}$$

What is the area?

$$89\text{ cm} \times 89\text{ cm} = 7921\text{cm}^2$$

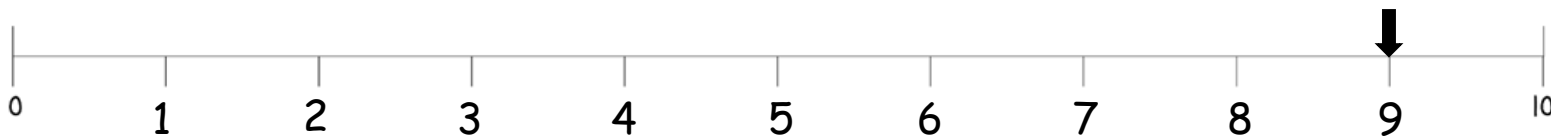
Circle the numbers larger than **89**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	<b>C (100)</b>
<b>XCVI (96)</b>	XIV (14)

# 90

(30 to 90)

Label the number line and draw an arrow to estimate  $90 \div 10$



Radius = **90** mm  
Diameter =  
**180mm**  
= **18cm**

$$90 \div 1 = 90$$

$$90 \div 2 = 45$$

$$90 \div 4 = 22\text{r}2 \text{ or } 22\frac{1}{2} \text{ or } 22.5$$

$$90 \div 5 = 18$$

$$90 \div 8 = 11\text{r}2 \text{ or } 11\frac{1}{4} \text{ or } 11.25$$

$$90 \div 10 = 9$$

Round to the nearest unit

**9**

$$90 \div 100 = 0.9$$

Double it

**1.8**

$$90 \times 10 = 900$$

Double it and add 200

**2000**

$$90 \times 100 = 9000$$

Find half and subtract 1200

**3300**

Work out all the factor pairs of **90**

1 and 90  
2 and 45  
3 and 30  
5 and 18  
6 and 15  
9 and 10

Circle the fractions **90** which are bigger than  $\frac{1}{100}$

$\frac{1}{2}$	$\frac{2}{5}$	$\frac{4}{5}$	$\frac{1}{4}$	$\frac{1}{5}$	$\frac{3}{4}$	$\frac{9}{10}$	$\frac{8}{10}$
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Tick the true statements

**90** would be rounded down when rounded to the nearest 10 **x**

**90** is divisible by 8 **x**

**90** has 4 as a factor **x**

**90** has more than 2 factor pairs **✓**

**90** is a prime number **x**

**90** + 34 < 68 **x**

132 < **90** + 52 **✓**

**90** is divisible by 3 **✓**

**90** is within 10 of a square number **✓**

**90** is within 15 of a cube number **x**

Start with **90**

Divide it by 10 **9**

Double your answer **18**

Subtract 0.9 **17.1**

Add 3.5 **20.6**

Multiply it by 10 **206**

Round to the nearest 10 **210**

Add 200 **410**

Round to the nearest 100 **400**

**90** is a multiple of (circle)

1	2	3	4	5	6
7	8	9	10	11	12

List the first 10 square numbers and circle any which are between **90** and 100

1	4	9	16	25
36	49	64	81	100

$$90 + 10 = 100$$

$$90 + 910 = 1000$$

$$90 + 0 = 90$$

$$90 + 90 = 180$$

$$90 + 270 = 360$$

**90** cm

What is the perimeter of this square?

$$4 \times 90\text{cm} = 360\text{cm} = 3.6\text{m}$$

What is the area?

$$90\text{ cm} \times 90\text{ cm} = 8100\text{cm}^2$$

Circle the numbers larger than **90**

XXV (25)	LVI (56)
XXXIII (33)	LXXXIII (83)
LXXXVI (86)	LXXII (72)
XXIX (29)	C (100)
XCVI (96)	XIV (14)