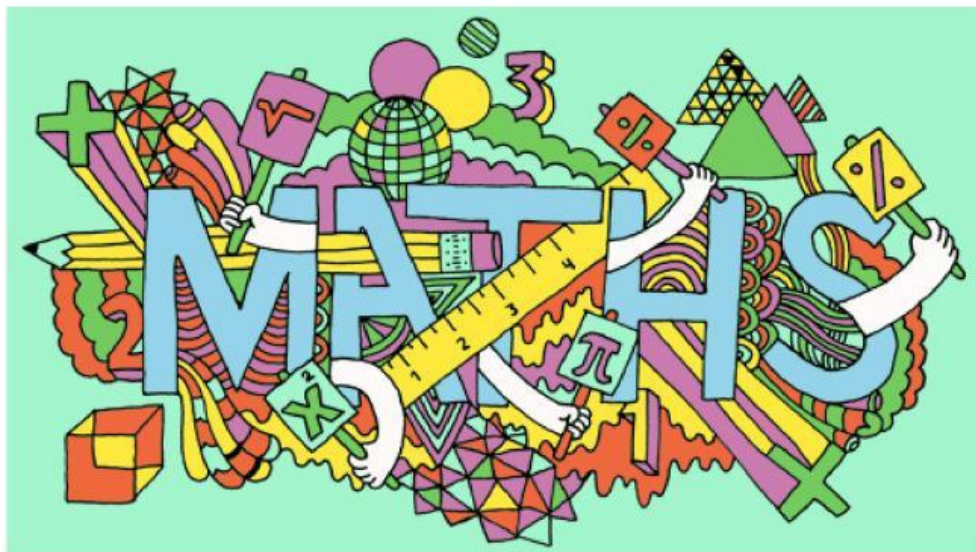




# Maths Department

## Pre-test Practice Easy Mk13

Featuring whole numbers, fractions, geometry, areas and volumes, averages



Name: \_\_\_\_\_

Question 1

Five books cost £7 each. How much do they cost altogether?

£35

£30

£24

£11

£2

Question 2

Five books cost £6.95 each. What is the total cost of the books?

£30.95

£29.75

£34.75

£34.99

£34.95

Question 3

6 pencils cost 95 pence each. What is the total cost?

£5.70

£5.95

£6.30

£695

£570

Question 4

A container holds 2.5 litres of water. 700 ml is poured away.  
How much water is left now?

1800 litres

2 litres

800 ml

1800 ml

2.8 litres

Question 5

From a 5.5 tonne pile of sand, 900 kg is removed. How much  
sand remains?

4.6 tonnes

4600 tonnes

5500 kg

4900 kg

894.5 kg

Question 6

A roll of tape is 4.8 metres long.  
120 cm is cut from it. How long is the remaining tape?

3.6 cm

3600 cm

36 cm

360 cm

3.6 m

Question 7

Which of the following numbers is equal to  $\frac{3}{8}$  ?

|                |               |      |     |                 |
|----------------|---------------|------|-----|-----------------|
| $\frac{9}{24}$ | $\frac{4}{9}$ | 0.38 | 3.8 | $\frac{30}{70}$ |
|----------------|---------------|------|-----|-----------------|

Question 8

Which of the following numbers is equal to  $\frac{3}{10}$  ?

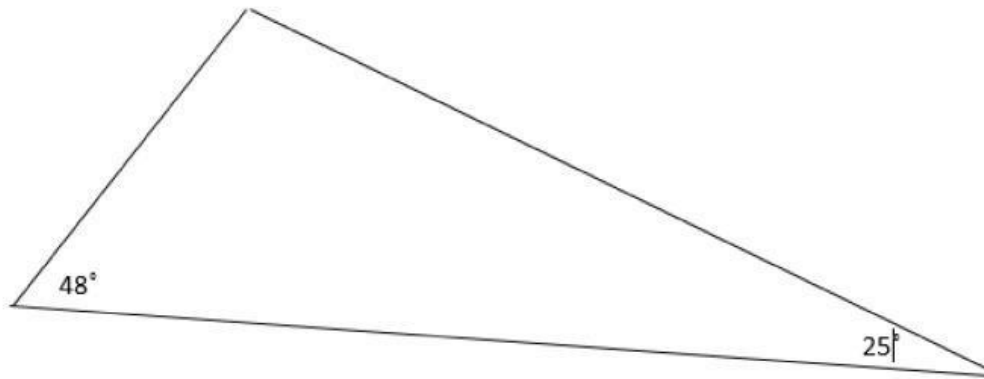
|                |      |                |     |                |
|----------------|------|----------------|-----|----------------|
| $\frac{4}{11}$ | 3.10 | $\frac{6}{10}$ | 0.3 | $\frac{9}{40}$ |
|----------------|------|----------------|-----|----------------|

Question 9

Which of the following numbers is equal to  $\frac{3}{4}$  ?

|      |     |                |     |     |
|------|-----|----------------|-----|-----|
| 0.34 | 25% | $\frac{4}{10}$ | 75% | 3.4 |
|------|-----|----------------|-----|-----|

Question 10



How many degrees is the third angle of the triangle?

$40^\circ$

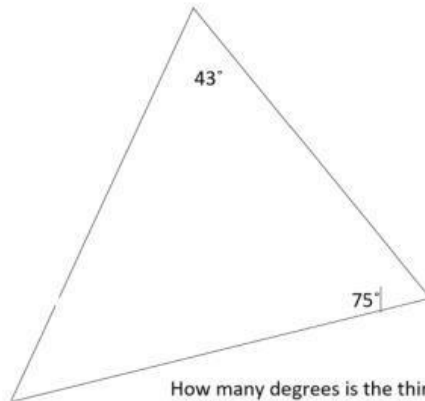
$73^\circ$

$130^\circ$

$107^\circ$

$103^\circ$

Question 11



How many degrees is the third angle of the triangle?

$62^\circ$

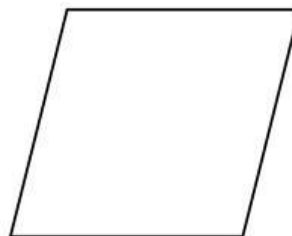
$118^\circ$

$122^\circ$

$58^\circ$

$72^\circ$

Question 12



How many *lines of symmetry* does a **rhombus** have?

0

1

2

4

8

Question 13

What is the *order of rotational symmetry* of a parallelogram?



0

1

2

4

5

Question 14

Which of these shapes is the odd one out?

trapezium

square

rhombus

nonagon

kite

Question 15

120m



40m

What is the area of a playing field that measures 120m by 40m?

160 m<sup>2</sup>

4800 m

4800 m<sup>2</sup>

320 m

3200 m<sup>2</sup>

Question 16

80 cm



2 cm

What is the **area** of a strip of paper that measures  
80 cm by 2 cm? You must look for the correct units!

82 cm<sup>2</sup>

160 cm

160 cm<sup>2</sup>

164 cm<sup>2</sup>

46 cm<sup>2</sup>

Question 17

The area of a school playing field is measured.  
Which is the *most likely* area?

2.4 m<sup>2</sup>

2400 m<sup>2</sup>

24 m<sup>2</sup>

240,000 m<sup>2</sup>

1800 m

Question 18

Find the mean average of the following three numbers:

17

15

13

5

14

3

16

15

Question 19

Find the mean average of the following four lengths:

7 cm

11 cm

11 cm

11 cm

9

5

6

4

10

Question 20

Find the mean average of the following five temperatures:

21°

14°

13°

12°

20°

10

80

16

20

8