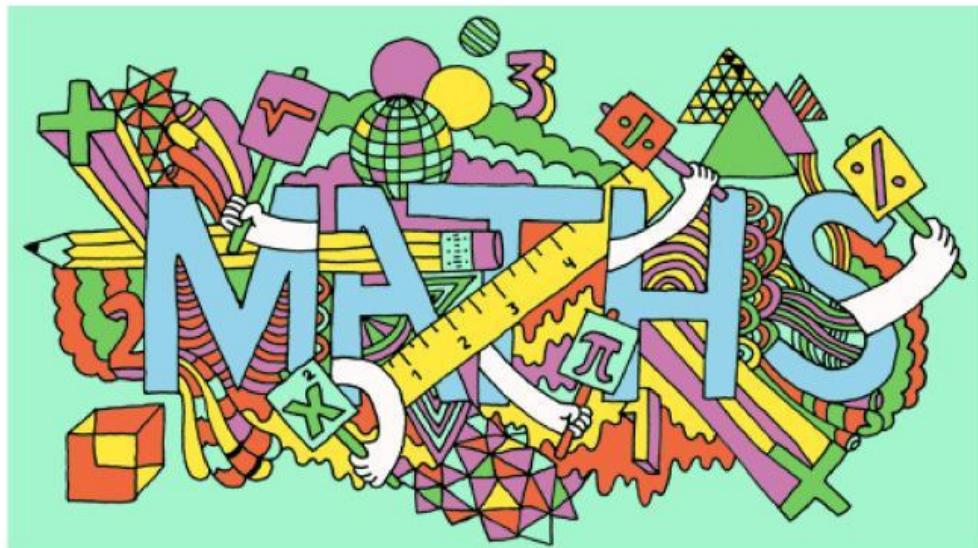




# Maths Department

## Pre-test Practice Easy Mk 12

Featuring whole numbers, fractions, geometry, areas and volumes,  
averages – **NO CALCULATOR PLEASE**



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

Question 1

Six books cost £5 each. How much do they cost altogether?

£65

£30

£24

£11

£1

Question 2

Six books cost £4.95 each. What is the total cost of the books?

£29.95

£29.70

£36

£27

£9.90

Question 3

Eight pencils cost 98 pence each. What is the total cost?

£8.12

£8.98

£78.40

£784

£7.84

Question 4

A container holds 1.5 litres of water. 600 ml is poured away.  
How much water is left now?

598.5 litres

900 litres

900 ml

1 litre

750 ml

Question 5

From a 2.5 tonne pile of sand, 500 kg is removed. How much sand remains?

1.8 tonnes

2 tonnes

1.5 kg

2.1 kg

500 kg

Question 6

A length of ribbon is 3.8 metres long.  
How many centimetres is this?

380 cm

3800 cm

38 cm

0.38 cm

3.8 cm

Question 7

Which of the following fractions is equal to  $\frac{3}{5}$  ?

$\frac{8}{10}$

$\frac{4}{6}$

$\frac{9}{20}$

$\frac{9}{15}$

$\frac{9}{16}$

Question 8

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

$\frac{4}{11}$

$\frac{6}{20}$

$\frac{6}{10}$

$\frac{6}{30}$

$\frac{9}{40}$

Question 9

Which of the following numbers is equal to  $\frac{1}{4}$  ?

0.14

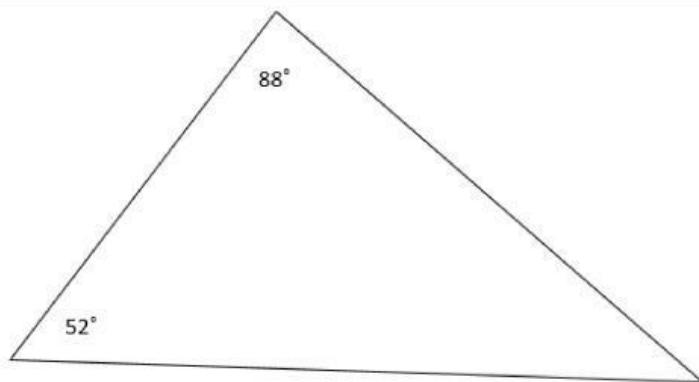
25%

$\frac{4}{10}$

75%

1.4

Question 10



How many degrees is the third angle of the triangle?

40°

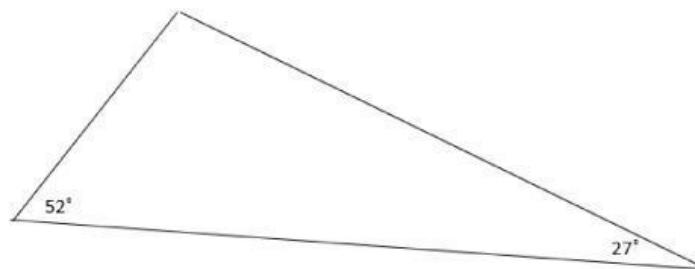
128°

130°

52°

88°

Question 11



How many degrees is the third angle of the triangle?

96°

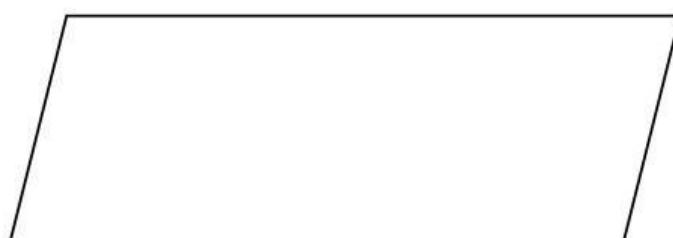
97°

99°

101°

103°

Question 12



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

0

1

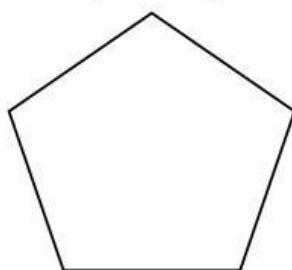
2

4

8

Question 13

What is the *order of rotational symmetry* of a regular pentagon?



0

1

2

4

5

Question 14

Which of these shapes is the odd one out?

hexagon

square

rhombus

trapezium

kite

Question 15

5 metres



4 metres

What is the **area** of a patio that measures

5 metres by 4 metres? You must look for correct units!

$9 \text{ m}^2$

$20 \text{ m}^2$

$54 \text{ m}^2$

20 m

18 m

Question 16

20 cm



What is the **area** of a strip of paper that measures

20 cm by 3 cm? You must look for the correct units!

60 cm<sup>2</sup>

23 cm<sup>2</sup>

60 cm

46 cm

46 cm<sup>2</sup>

Question 17

The area of a playing field is measured.

Which of these could be the area?

2.4 km

1500 m

5500 kg

2200 m<sup>2</sup>

1800 litres

Question 18

Find the mean average of the following three numbers:

8            3            1

1

8

3

4

12

Question 19

Find the mean average of the following four numbers:

7      4      9      4

9	5	6	4	7
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Question 20

Find the mean average of the following five numbers:

21      15      3      7      4

10	50	17	3	8
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