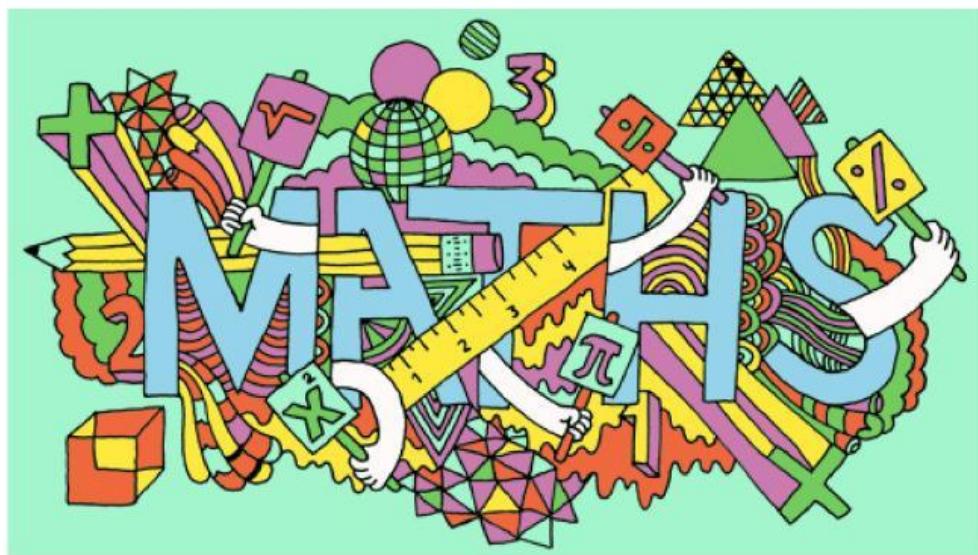




# Maths Department

## Pre-test Practice Easy MK11

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



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

Question 1

Jim has 24 pencils in one box, and 36 pencils in another box. How many pencils does he have altogether?

12

24

8

50

60

Question 2

James has 74 pluses. Edith has 48 pluses. How many more pluses does James have than Edith?

26

36

34

122

64

Question 3

One metre is made up of 100 centimetres. How many centimetres are there in a half a metre?

50 cm

500 cm

50 m

0.5 cm

5 cm

Question 4

Multiply the numbers 27 and 6.

142

152

162

1242

21

Question 5

Multiply  $34 \times 25$

2534

8500

3425

850

85

Question 6

What is  $612 \div 6$  ?

62

102

18

602

302

Question 7

I buy a ruler for 45p, a pen for £3.45 and 3 rubbers, each costing 50p. How much do I spend?

£5.40

£4.40

£1.50

£3.90

£12

Question 8

There are 1000 millilitres (ml) in one litre. How many ml are there in 2 and a half litres?

1000 ml

1500 ml

2.5 ml

2500 ml

1002.5 ml

Question 9



Jess walks all the way around a field which measures 120 m by 50 m. How far does she walk in total?

340 m

170 m

600 m

6000 m<sup>2</sup>

220m

Question 10

In a bag of bolts and nuts, Jimmy has two bolts for every three nuts. If he has 16 bolts, how many nuts does he have?

12

16

24

30

36

Question 11

The temperature at 6pm was  $5^{\circ}\text{C}$ . By midnight it had fallen by 7 degrees. What was the temperature at midnight?

$7^{\circ}\text{C}$

$12^{\circ}\text{C}$

$-2^{\circ}\text{C}$

$2^{\circ}\text{C}$

$-12^{\circ}\text{C}$

Question 12



What is the **order of rotational symmetry** of a parallelogram?  
(How many times will it spin on to itself in one rotation?)

0

1

2

4

8

Question 13

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



0

1

2

4

5

Question 14

Which of these words or phrases is the odd one out?

Right angle

equilateral

isosceles

scalene

kite

Question 15



4.7 cm

10 cm

What is the area of a rectangle that has dimensions 10cm by 4.7 cm?

47 cm

47 cm<sup>2</sup>

4.7 m

4.7 cm

94 cm<sup>2</sup>

Question 16

6cm

Area of rectangle =  $30 \text{ cm}^2$

Length?

What is the height of a rectangle that has a length of 6 cm and an area of  $30 \text{ cm}^2$ ?

36 cm

$180 \text{ cm}^2$

180 cm

$5 \text{ cm}^2$

5 cm

Question 17

The volume of a mug of tea is measured.

Which is the *most likely* volume?

15 ml

100 ml

100 litres

15 litres

950 ml

Question 18

Find the mean average of the following three temperatures:

$37^\circ$

$25^\circ$

$43^\circ$

$35^\circ$

$25^\circ$

$30^\circ$

$37^\circ$

$33^\circ$

Question 19

Find the mean average of the following five lengths:

14 cm      19 cm      11 cm      12 cm      14 cm

19cm	15cm	16cm	14cm	17cm
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Question 20

Find the mean average of the following temperatures:

1°      4°      3°      2°      0°      4°      7°      3°      2 °      4°

0°	1°	2°	3°	4°
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