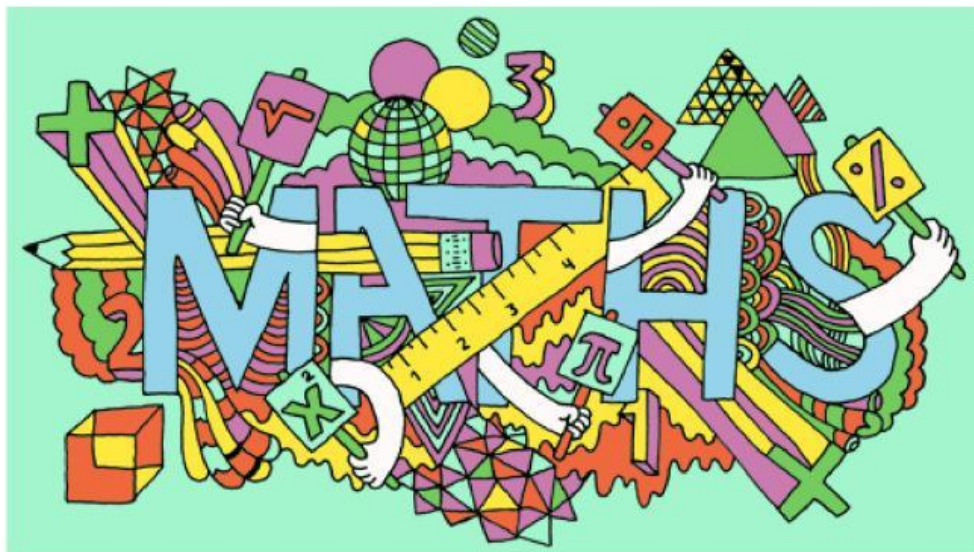# Maths Department

Pre-test Practice Easy 15

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

Name:_____

Question 1

Six books cost £3.95 each. How much do they cost altogether?

£24.00	£23.00	£23. 50	£23.95	£23.70

Question 2

Eight boxes cost 49 pence each. What is the total cost of the boxes?

£3.92	£3.99	£3.98	£3.90	£4.00

Question 3

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

£11.40	£10.40	£12.40	£11.60	£12.00

Question 4

Nine books cost £2.95 each. How much do they cost altogether?

£27.00	£26.95	£26.55	£26.25	£26.00

Question 5

Eight boxes cost 45 pence each. What is the total cost of the boxes?

£410	£2.00	£3.60	£4.10	£4.00

Question 6

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

£14.70	£14.90	£15.70	£15.90	£15

Question 7

What do you have left if you started with 2.5 kg of sugar and then poured out 800 g ?

797.5 kg	797.5 g	1500 g	1700 g	1200 g

Question 8

A container has 3.5 litres of water in it. I pour out 1.2 litres. How much is left now?

2.3 litres	2.5 litres	3.2 litres	4.7 litres	230 ml

Question 9

How many ml are there in 0.7 litres?

70 litres	700 litres	7 ml	70 ml	700 ml

Question 10

The temperature at noon was 18.5°C. By midnight it had fallen by ten degrees. What was the temperature at midnight?

8.5°C	8°C	28.5°C	28°C	0°C

Question 11

The temperature at 6pm was 5°C. By midnight it had fallen by 7 degrees. What was the temperature at midnight?

7°C	12°C	-2°C	2°C	-12°C

Question 12
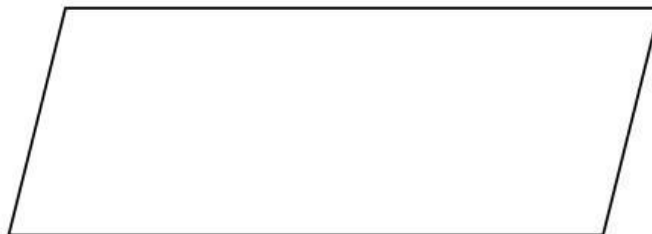
What is the **order of rotational symmetry** of a parallelogram? (How many times will it spin on to itself in one rotation?)

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

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

47 cm	47 cm^2	4.7 m	4.7 cm	94 cm^2

Question 16

6cm

Area of rectangle = 30 cm^2

Length?

What is the height of a rectangle that has a length of 6 cm and an area of 30 cm^2?

36 cm	180 cm^2	180 cm	5 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°   25°   43°

35°	25°	30°	37°	33°

Find the mean average of the following five lengths:

14 cm   19 cm   11 cm   12 cm   14 cm

19cm	15cm	16cm	14cm	17cm

Find the mean average of the following temperatures:

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

0°	1°	2°	3°	4°