

Short Maths 1

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Record your answers on the separate Answer Sheet provided.

1. A metal girder 23m in length is cut into two sections so that one piece is 7m longer than the other. How long was the shorter piece?

A	B	C	D
16m	8m	4m	3.5m

2. At a party there are 98 boys and girls in the ratio of 3:4. How many boys are at the party?

A	B	C	D
24	32	42	48

3. A dress was originally £20 but in a sale was reduced by 20%. What was the sale price?

A	B	C	D
£16	£16.80	£12	£16.20

4. A bucket holds 6 litres of water. It is left out in the sunshine and $\frac{1}{4}$ of it evaporates. The rest is shared equally between 5 plants so they all get the same amount of water. How many millilitres of water does each plant receive?

A	B	C	D
800ml	1000ml	700ml	900ml

5. Rajeev is standing in the middle of a square room which has a floor area of 36 square meters. He wants to paint each of the walls of the room a different colour: one blue, one green, one yellow and one purple. If each wall is 2.5 meters high what area of wall will he paint blue?

A	B	C	D
10m ²	15m ²	12m ²	12.5m ²

6. If $n=3$, what is the value of $2(n + 2)$

A	B	C	D
9	10	7	12

7. Three angles A, B and C lie on a straight line. If angle A is 66° and angle B is 23° , what is the size of angle C?

A	B	C	D
271°	1°	89°	91°

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8. What is the largest number of 1cm^3 cubes that will fit into a box measuring 3cm high, 8cm wide and 4cm deep?

A	B	C	D
15	84	72	96

9. Theo runs 14.6km in a charity fun run. How many meters did he run?

A	B	C	D
146m	1460m	14600m	146000m

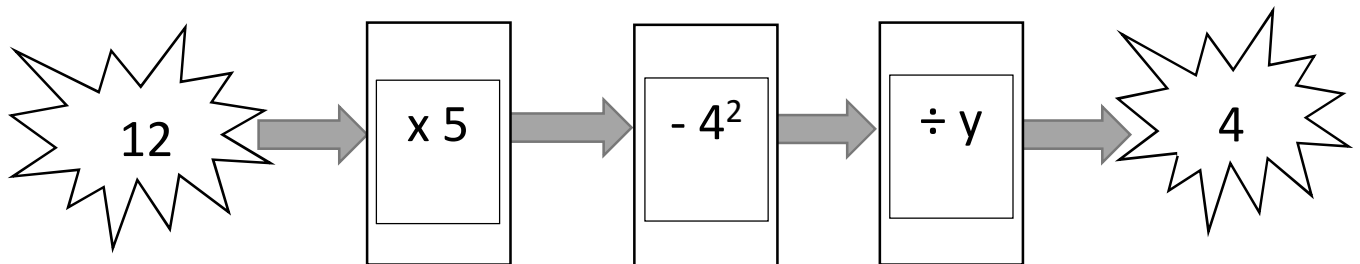
10. Mr Jones has a full 2 litre bottle of lemonade. He pours three 330ml glasses of lemonade. How much lemonade does he have left in the bottle?

A	B	C	D
1340ml	1010ml	1100ml	1110ml

11. Grace was at a friend's house for a sleep-over last night. Everyone went to sleep at 10.30pm except Grace who took another 55 minutes to fall asleep. Everyone including Grace woke up at 07.30. How long did Grace sleep for?

A	B	C	D
9 hours	8 hours and 10 minutes	8 hours and 5 minutes	7 hours and 55 minutes

12. Below is a number machine. The input and output are shown as well as all the operations but one of the numbers (marked y) is missing. What is the value of y?



A	B	C	D	E
11	15	12	9	13

ANSWER SHEET

- (1) _____
- (2) _____
- (3) _____
- (4) _____
- (5) _____
- (6) _____
- (7) _____
- (8) _____
- (9) _____
- (10) _____
- (11) _____
- (12) _____



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ANSWERS

- (1) B
- (2) C
- (3) A
- (4) D
- (5) B
- (6) B
- (7) D
- (8) D
- (9) C
- (10) B
- (11) C
- (12) A

