

Written Methods for the Four Operations

For AQA GCSE Mathematics (8300) • Foundation tier

Name _____

Total marks: **27**

Answer **all** questions in the spaces provided. Show your working: marks are given for correct method. Do not use a calculator.

1 Work out

(a) $4\,827 + 3\,596$

[1 mark]

Answer _____

(b) $6\,003 - 2\,478$

[1 mark]

Answer _____

2 Work out 347×26

[3 marks]

Answer _____

3 Work out $1512 \div 7$

[2 marks]

Answer _____

4 Work out

(a) $12.6 + 3.85$

[1 mark]

Answer _____

(b) $20 - 7.36$

[1 mark]

Answer _____

5 Work out $6.34 + 2.8 - 1.57$

[2 marks]

Answer _____

6 Work out 0.46×0.18

[2 marks]

Answer _____

7 Work out $8.4 \div 0.3$

[2 marks]

Answer _____

8 Work out 36×0.5

[1 mark]

Answer _____

9 Jo packs 500 cakes into boxes.
Each box holds 24 cakes.
How many boxes does she need?

[3 marks]

Answer _____

- 10 Ravi works out $4.2 + 13.75$

$$\begin{array}{r} 4.2 \\ + 13.75 \\ \hline 14.17 \end{array}$$

His answer is wrong.

What mistake has Ravi made?

[1 mark]

- 11 A craft shop sells buttons.

Single buttons	15p each
Card of 12 buttons	£1.40

Anya needs 36 buttons.

How much does she save by buying cards of buttons instead of single buttons?

[3 marks]

Answer £ _____

- 12** Packets of seeds cost 85p each.
Hana buys some packets of seeds and one watering can.
The watering can costs £4.60
She spends £10.55 altogether.
How many packets of seeds does she buy?

[4 marks]

Answer _____