

Written Methods for the Four Operations

For Pearson Edexcel GCSE Mathematics (1MA1) • Foundation tier

Name _____

Total marks: **25**

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

1 Work out

(a) $5\,286 + 947$

.....
(1)

(b) $8\,040 - 3\,675$

.....
(1)
(Total for Question 1 is 2 marks)

2 Work out 264×38

.....
(3)

(Total for Question 2 is 3 marks)

3 Work out $2184 \div 6$

.....
(2)

(Total for Question 3 is 2 marks)

4 Work out 4.7×3.6

.....
(2)

(Total for Question 4 is 2 marks)

5 Work out $7.2 \div 0.04$

.....
(2)

(Total for Question 5 is 2 marks)

6 Work out 0.6×0.03

.....
(1)

(Total for Question 6 is 1 mark)

7 183 students are going on a school trip.
Each minibus can carry 16 students.
How many minibuses are needed?

.....
(3)

(Total for Question 7 is 3 marks)

- 8** Ella buys 4 packets of crisps at £1.35 each and 2 magazines at £3.75 each.
How much change should she get from £20?

£
(3)

(Total for Question 8 is 3 marks)

- 9** Ali saves £35 each week.
Work out the number of whole weeks it will take Ali to save £500

.....
(3)

(Total for Question 9 is 3 marks)

- 10** Nina says $0.2 \times 0.4 = 0.8$
Explain what Nina has done wrong.

(1)

(Total for Question 10 is 1 mark)

- 11** Theo is running a charity quiz for 75 people.
He needs one paper cup for each person.
Paper cups are sold in packs of 20 for £1.85 or in packs of 12 for £1.20
Theo will buy only one size of pack.
- Which size of pack should Theo buy so that he spends the least money?
You must show your working.

(3)

(Total for Question 11 is 3 marks)
