FOUNDATION

1.2 Multiplication and Division: 30-minute Pack

EDEXCEL 1MA1 · Calculator allowed · about 30 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Tom books 3 concert tickets at £8 each. There is a booking fee of £5 for the whole order. Work out the total cost.

(Total for Question 1 is 3 marks)

---

2 204 marbles are shared equally between 5 children. Work out how many each child gets and how many are left over.

(Total for Question 2 is 3 marks)

---

3 A school trip has 427 people. Each coach holds 36 people. Work out the smallest number of coaches needed.

(Total for Question 3 is 3 marks)

© Revision Library | revisionlibrary.co.uk

4 Liam books 11 concert tickets at £8 each. There is a booking fee of £4 for the whole order. Work out the total cost.

(Total for Question 4 is 3 marks)

---

5 A school trip has 521 people. Each coach holds 32 people. Work out the smallest number of coaches needed.

(Total for Question 5 is 3 marks)

---

6 Grace books 7 concert tickets at £15 each. There is a booking fee of £4 for the whole order. Work out the total cost.

(Total for Question 6 is 3 marks)

---

7 Calculate 63 x 4.

(Total for Question 7 is 1 mark)

© Revision Library | revisionlibrary.co.uk

8 Concert tickets cost £23.75 each. A drama club buys 36 tickets. Work out the total cost.

(Total for Question 8 is 2 marks)

---

9 Work out 1234 ÷ 11. Give the exact answer as a mixed number and as a recurring decimal.

(Total for Question 9 is 3 marks)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 1.2 Multiplication and Division: 30-minute Pack

Question 1

3 x 8	**M1**
adds 5 to the cost of the tickets	**M1**
£29 cao	**A1**

Answer: £29

Question 2

divides 204 by 5	**M1**
40 each	**A1**
4 left over	**B1**

Answer: 40 each and 4 left over

Question 3

427 / 36	**M1**
11.86 or 'between 11 and 12'	**A1**
12 coaches	**B1**

Answer: 12

Question 4

11 x 8	**M1**
adds 4 to the cost of the tickets	**M1**
£92 cao	**A1**

Answer: £92

Question 5

521 / 32	**M1**
16.28 or 'between 16 and 17'	**A1**
17 coaches	**B1**

Answer: 17

Question 6

7 x 15	**M1**
adds 4 to the cost of the tickets	**M1**
£109 cao	**A1**

Answer: £109

Question 7

252 cao	**B1**

Answer: 252

Question 8

correct multiplication shown, e.g. 23.75 x 36 oe	**M1**
£855 cao (accept £855.00)	**A1**

Answer: £855

Question 9

correct division showing 1234 = 11 x 112 + 2 or equivalent	**M1**
mixed number 112 2/11 cao	**A1**
recurring decimal 112.18... with 18 recurring, i.e. 112.(18) cao	**A1**

Answer: 112 2/11 and 112.(18)

© Revision Library | revisionlibrary.co.uk