FOUNDATION

1.11 Factors and Multiples: 10-minute Pack

EDEXCEL 1MA1 · Calculator allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Find the Lowest Common Multiple (LCM) of 4 and 6.

(Total for Question 1 is 2 marks)

2 Here is a list of numbers: 52, 29, 59, 50, 23, 36. From the list, write down (a) the multiples of 9, (b) the multiples of 6. If there are none, write none.

(Total for Question 2 is 2 marks)

3 Bus A leaves the station every 9 minutes. Bus B leaves the station every 4 minutes. They both leave at 9:00 am. After how many minutes do they next leave together?

(Total for Question 3 is 3 marks)

4 Which of these numbers is a multiple of 9?

- ☐ A) 42
- ☐ B) 54
- ☐ C) 65
- ☐ D) 80

(Total for Question 4 is 1 mark)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 1.11 Factors and Multiples: 10-minute Pack

Question 1

correct list of multiples of 4 (4,8,12,16,...) and 6 (6,12,18,...), or other correct method	**M1**
12 cao	**A1**

Answer: 12

Question 2

multiples of 9 correct	**B1**
multiples of 6 correct	**B1**

Answer: multiples of 9: 36; multiples of 6: 36

Question 3

lists multiples of 9 and 4	**M1**
identifies a common multiple	**M1**
36 minutes cao	**A1**

Answer: 36 minutes

Question 4

B (54) cao	**B1**

Answer: B) 54

© Revision Library | revisionlibrary.co.uk