3.4 Writing and Simplifying Ratio: 10-minute Pack

EDEXCEL 1MA1 · Calculator allowed · about 10 minutes

Total Marks

Name: _____ Date: ____ / ____ / _____

Answer ALL questions. Show all your working.

1 Share £63 in the ratio 1:2. Work out how much the smaller share is.

(Total for Question 1 is 2 marks)

2 Simplify the ratio 45:60.

(Total for Question 2 is 1 mark)

3 In a choir there are 15 girls and 18 boys.
Write the ratio of girls to all the members in its simplest form.

(Total for Question 3 is 2 marks)

4 Share £48 in the ratio 5:3.

(a) Find the larger share. **(2)**

.....

(b) Find the difference between the two shares. **(2)**

.....

(Total for Question 4 is 4 marks)

© Revision Library | revisionlibrary.co.uk

Mark scheme · 3.4 Writing and Simplifying Ratio: 10-minute Pack

Question 1

divide 63 by 3 to find one part (63/3 = 21) or equivalent method	**M1**
£21 cao	**A1**

Answer: £21

Question 2

3:4 cao	**B1**

Answer: 3:4

Question 3

15:33 identified	**M1**
5:11 cao	**A1**

Answer: 5:11

Question 4

(a) find one part: 48/8 = 6 or equivalent	**M1**
(a) £30 cao	**A1**

(a) Answer: £30

(b) find smaller share 3 x 6 = 18 or equivalent	**M1**
(b) £12 cao	**A1**

(b) Answer: £12

© Revision Library | revisionlibrary.co.uk