



# New Maths GCSE: R4 & R5 - Simplifying and Sharing in a Ratio

Name:.....

Date:.....

Which ratio does  
 $15:20$   
simplify fully to?

**A** 3:4      **C** 5:4  
**B** 7.5:10      **D** 1:3

RATIO

33

Correct Answer: A B C D

Explanation:

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Which ratio does  
 $24:32$   
simplify fully to?

**A** 12:16      **C** 4:6  
**B** 6:8      **D** 3:4

RATIO

34

Correct Answer: A B C D

Explanation:

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Which ratio does  
 $48:36$   
simplify fully to?

**A** 4:3      **C** 6:5  
**B** 12:9      **D** 3:2

RATIO

35

Correct Answer: A B C D

Explanation:

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Which ratio does  
 $56:42$   
 simplify fully to?

**A** 8:6      **C** 4:3  
**B** 7:4      **D** 11:7

RATIO

Correct Answer: A B C D

Explanation:

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Which ratio does  
 $72:99$   
 simplify fully to?

**A** 7:9      **C** 7:11  
**B** 8:10      **D** 8:11

RATIO

Correct Answer: A B C D

Explanation:

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Abby and Ben share £10 in the ratio  
 $3:7$   
 How much does Ben get?

**A** £3      **C** £10  
**B** £7      **D** £2.33

RATIO

Correct Answer: A B C D

Explanation:

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Carly and Dennis share £20 in the ratio  
 $3:7$   
 How much does Dennis get?

**A** £3      **C** £14  
**B** £7      **D** £6

RATIO

Correct Answer: A B C D

Explanation:

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Elli and Fay share £20 in the ratio  
 $2:3$   
 How much does Elli get?

**A** £8                      **C** £12  
**B** £2                        **D** £3

RATIO

Correct Answer: A B C D

Explanation:

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George and Harry share £40 in the ratio  
 $9:1$   
 How much does George get?

**A** £9                        **C** £36  
**B** £1                        **D** £4

RATIO

Correct Answer: A B C D

Explanation:

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Izzy and John share £42 in the ratio  
 $3:4$   
 How much does John get?

**A** 24                        **C** £4  
**B** £18                       **D** £3

RATIO

Correct Answer: A B C D

Explanation:

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