

GCSE Mathematics

F

Simplifying Ratios

Foundation Tier | Grades 3-4

Total Marks	Time	Questions
48	48 min	20

Instructions:

- Do not use a calculator when you see: 
- Answer all questions in the spaces provided.
- Show all your working - marks are awarded for method as well as final answers.
- Cross through any work you do not want to be marked.
- Check your answers if you have time at the end.

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Edexcel-style questions**Q1** 

Grade 3

Edexcel style

Simplify the ratio 12:18.

Answer

teachably

[2 marks]**Q2** 

Grade 3

Edexcel style

Simplify the ratio 6:9:15.

Answer

teachably

[2 marks]**Q3** 

Grade 4

Edexcel style

Write the ratio 40 cm : 1 m in its simplest form.

Answer

teachably

[3 marks]

Q4

Grade 4

Edexcel style

Write the ratio 0.4 : 1.6 in its simplest form, using whole numbers.

Answer

teachably

[3 marks]**Q5**

Grade 4

Edexcel style

Write the ratio 4:24 in the form 1:n.

Answer

teachably

[2 marks]

AQA-style questions**Q6** 

Grade 3

AQA style

Simplify the ratio 15:25.

Answer

teachably

[2 marks]**Q7** 

Grade 3

AQA style

Simplify the ratio 12:16:20.

Answer

teachably

[2 marks]**Q8** 

Grade 4

AQA style

Write the ratio 250 g : 2 kg in its simplest form.

Answer

teachably

[3 marks]

Q9

Grade 4

AQA style

Write the ratio 0.6 : 1.5 in its simplest form, using whole numbers.

Answer

teachably

[3 marks]**Q10**

Grade 4

AQA style

Write the ratio 15:6 in the form n:1.

Answer

teachably

[2 marks]

OCR-style questions**Q11** 

Grade 3

OCR style

Simplify the ratio 20:35.

Answer

teachably

[2 marks]**Q12** 

Grade 3

OCR style

Simplify the ratio 9:12:21.

Answer

teachably

[2 marks]**Q13** 

Grade 4

OCR style

Write the ratio 45 minutes : 2 hours in its simplest form.

Answer

teachably

[3 marks]

Q14

Grade 4

OCR style

Write the ratio $\frac{1}{2} : \frac{1}{3}$ in its simplest form, using whole numbers.

Answer

teachably

[3 marks]**Q15**

Grade 4

OCR style

Write the ratio 5:40 in the form 1:n.

Answer

teachably

[2 marks]

Teachably-style questions**Q16** 

Grade 3

Teachably style

Simplify the ratio 18:45.

Answer

teachably

[2 marks]**Q17** 

Grade 3

Teachably style

Simplify the ratio 12:15:18.

Answer

teachably

[2 marks]**Q18** 

Grade 4

Teachably style

Write the ratio 600 ml : 3 litres in its simplest form.

Answer

teachably

[3 marks]

Q19

Grade 4

Teachably style

Write the ratio $\frac{3}{4} : \frac{1}{8}$ in its simplest form, using whole numbers.

Answer

teachably

[3 marks]**Q20**

Grade 4

Teachably style

Write the ratio 18:4 in the form n:1.

Answer

teachably

[2 marks]**END OF PAPER****Want help from an expert maths tutor?**

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