

# GCSE Mathematics

# F

## Factorising

Foundation | Grades 4-5

| Total Marks | Time   | Questions |
|-------------|--------|-----------|
| 32          | 32 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 4

Edexcel style

Factorise fully  $6x + 9$ .

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Answer 

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teachably

**[1 mark]****Q2** 

Grade 4

Edexcel style

Factorise fully  $x^2 + 5x$ .

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Answer 

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teachably

**[1 mark]****Q3** 

Grade 4

Edexcel style

Factorise fully  $6x^2 + 9x$ .

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Answer 

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teachably

**[2 marks]**

**Q4** 

Grade 5

Edexcel style

Factorise fully  $-4x - 12$ .

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Answer 

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teachably

**[2 marks]****Q5** 

Grade 5

Edexcel style

Factorise fully  $6xy + 9x$ .

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Answer 

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teachably

**[2 marks]**

**AQA-style questions****Q6** 

Grade 4

AQA style

Factorise fully  $10y + 15$ .

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Answer 

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teachably

**[1 mark]****Q7** 

Grade 4

AQA style

Factorise fully  $y^2 + 3y$ .

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Answer 

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teachably

**[1 mark]****Q8** 

Grade 4

AQA style

Factorise fully  $10y^2 + 15y$ .

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Answer 

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teachably

**[2 marks]**

**Q9** 

Grade 5

AQA style

Factorise fully  $-6y - 15$ .

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Answer 

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teachably

**[2 marks]****Q10** 

Grade 5

AQA style

Factorise fully  $10ab + 15a$ .

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Answer 

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teachably

**[2 marks]**

**OCR-style questions****Q11** 

Grade 4

OCR style

Factorise fully  $8a + 12$ .

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Answer 

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teachably

**[1 mark]****Q12** 

Grade 4

OCR style

Factorise fully  $a^2 - 7a$ .

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Answer 

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teachably

**[1 mark]****Q13** 

Grade 4

OCR style

Factorise fully  $8a^2 + 12a$ .

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Answer 

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teachably

**[2 marks]**

**Q14** 

Grade 5

OCR style

Factorise fully  $-8a - 20$ .

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Answer 

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teachably

**[2 marks]****Q15** 

Grade 5

OCR style

Factorise fully  $8pq + 12p$ .

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Answer 

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teachably

**[2 marks]**

**Teachably-style questions****Q16** 

Grade 4

Teachably style

Factorise fully  $14p + 21$ .

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Answer 

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teachably

**[1 mark]****Q17** 

Grade 4

Teachably style

Factorise fully  $p^2 + 4p$ .

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Answer 

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teachably

**[1 mark]****Q18** 

Grade 4

Teachably style

Factorise fully  $14p^2 + 21p$ .

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Answer 

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teachably

**[2 marks]**



**Q19** 

Grade 5

Teachably style

Factorise fully  $-10p - 25$ .

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Answer 

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teachably

**[2 marks]****Q20** 

Grade 5

Teachably style

Factorise fully  $14mn + 21m$ .

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Answer 

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teachably

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

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