

GCSE Mathematics

F/H

Rearranging Formulae

Grades 5-7

Total Marks	Time	Questions
42	42 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 5

Edexcel style

Make x the subject of $y = x + 7$.

Answer _____

teachably

[1 mark]**Q2** 

Grade 5

Edexcel style

Make x the subject of $y = 3x + 2$.

Answer _____

teachably

[2 marks]**Q3** 

Grade 6

Edexcel style

Make x the subject of $y = x^2 + 3$.

Answer _____

teachably

[2 marks]

Q4

Grade 7

Edexcel style

Make x the subject of $ax + 3 = bx + 7$.

Answer

teachably

[3 marks]**Q5**

Grade 6

Edexcel style

Make x the subject of $y = \frac{5}{x}$.

Answer

teachably

[2 marks]

AQA-style questions**Q6** 

Grade 5

AQA style

Make x the subject of $y = x - 4$.

Answer

teachably

[1 mark]**Q7** 

Grade 5

AQA style

Make x the subject of $y = 4x - 5$.

Answer

teachably

[2 marks]**Q8** 

Grade 6

AQA style

Make x the subject of $y = x^2 - 5$.

Answer

teachably

[2 marks]

Q9

Grade 7

AQA style

Make x the subject of $3x + c = dx + 8$.

Answer

teachably

[3 marks]**Q10**

Grade 7

AQA style

Make x the subject of $y = \frac{3}{x+2}$.

Answer

teachably

[3 marks]

OCR-style questions**Q11** 

Grade 5

OCR style

Make x the subject of $y = 5x$.

Answer

teachably

[1 mark]**Q12** 

Grade 5

OCR style

Make x the subject of $y = 2x + 7$.

Answer

teachably

[2 marks]**Q13** 

Grade 6

OCR style

Make x the subject of $y = \sqrt{x} + 2$.

Answer

teachably

[2 marks]

Q14

Grade 7

OCR style

Make x the subject of $px - 5 = qx + 1$.

Answer

teachably

[3 marks]**Q15**

Grade 6

OCR style

Make x the subject of $y = a/x$.

Answer

teachably

[2 marks]

Teachably-style questions**Q16** 

Grade 5

Teachably style

Make x the subject of $y = x/6$.

Answer

teachably

[1 mark]**Q17** 

Grade 5

Teachably style

Make x the subject of $y = 5x - 3$.

Answer

teachably

[2 marks]**Q18** 

Grade 6

Teachably style

Make x the subject of $y = \sqrt{x - 4}$.

Answer

teachably

[2 marks]

Q19

Grade 7

Teachably style

Make x the subject of $2x + m = nx - 4$.

Answer

teachably

[3 marks]**Q20**

Grade 7

Teachably style

Make x the subject of $y = \frac{4}{x-1}$.

Answer

teachably

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

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