
GCSE Mathematics

Factorising

Mark Scheme - Foundation | Grades 4-5

M = method mark, A = accuracy mark (dependent on the preceding M mark), B = independent mark.

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Edexcel-style questions

Q1 Grade 4 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	$3(2x + 3)$	B1

Q2 Grade 4 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	$x(x + 5)$	B1

Q3 Grade 4 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	highest common factor = $3x$	M1
(a)	$3x(2x + 3)$	A1

Q4 Grade 5 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	highest common factor = -4	M1
(a)	$-4(x + 3)$	A1

Q5 Grade 5 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	highest common factor = $3x$	M1
(a)	$3x(2y + 3)$	A1

AQA-style questions**Q6** Grade 4 AQA style**Total: 1**

Part	Mark scheme	Marks
(a)	$5(2y + 3)$	B1

Q7 Grade 4 AQA style**Total: 1**

Part	Mark scheme	Marks
(a)	$y(y + 3)$	B1

Q8 Grade 4 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	highest common factor = $5y$	M1
(a)	$5y(2y + 3)$	A1

Q9 Grade 5 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	highest common factor = -3	M1
(a)	$-3(2y + 5)$	A1

Q10 Grade 5 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	highest common factor = $5a$	M1
(a)	$5a(2b + 3)$	A1

OCR-style questions**Q11** Grade 4 OCR style**Total: 1**

Part	Mark scheme	Marks
(a)	$4(2a + 3)$	B1

Q12 Grade 4 OCR style**Total: 1**

Part	Mark scheme	Marks
(a)	$a(a - 7)$	B1

Q13 Grade 4 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	highest common factor = $4a$	M1
(a)	$4a(2a + 3)$	A1

Q14 Grade 5 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	highest common factor = -4	M1
(a)	$-4(2a + 5)$	A1

Q15 Grade 5 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	highest common factor = $4p$	M1
(a)	$4p(2q + 3)$	A1

Teachably-style questions

Q16 Grade 4 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	$7(2p + 3)$	B1

Q17 Grade 4 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	$p(p + 4)$	B1

Q18 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	highest common factor = $7p$	M1
(a)	$7p(2p + 3)$	A1

Q19 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	highest common factor = -5	M1
(a)	$-5(2p + 5)$	A1

Q20 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	highest common factor = $7m$	M1
(a)	$7m(2n + 3)$	A1

END OF PAPER

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