
GCSE Mathematics

Collecting Like Terms

Mark Scheme - Foundation | Grades 2-4

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

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Edexcel-style questions

Q1 Grade 2 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	4a and 7a	B1

Q2 Grade 2 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	10a	B1

Q3 Grade 3 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	8b	B1

Q4 Grade 3 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	x-terms: $3x + 5x = 8x$	B1
(a)	y-terms: $2y - y = y$, so $8x + y$	B1

Q5 Grade 4 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	x^2 -terms: $3x^2 - x^2 = 2x^2$	B1
(a)	x-terms: $2x + 5x = 7x$, so $2x^2 + 7x$	B1

AQA-style questions

Q6 Grade 2 AQA style

Total: 1

Part	Mark scheme	Marks
(a)	2y and 8y	B1

Q7 Grade 2 AQA style

Total: 1

Part	Mark scheme	Marks
(a)	12x	B1

Q8 Grade 3 AQA style

Total: 1

Part	Mark scheme	Marks
(a)	3x	B1

Q9 Grade 3 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	a-terms: $4a - a = 3a$	B1
(a)	b-terms: $3b + 5b = 8b$, so $3a + 8b$	B1

Q10 Grade 4 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	y^2 -terms: $5y^2 - 2y^2 = 3y^2$	B1
(a)	y-terms: $3y + y = 4y$, so $3y^2 + 4y$	B1

OCR-style questions

Q11 Grade 2 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	6p and 2p	B1

Q12 Grade 2 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	9p	B1

Q13 Grade 3 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	-3c	B1

Q14 Grade 3 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	p-terms: $6p + 3p = 9p$	B1
(a)	q-terms: $-2q + 4q = 2q$, so $9p + 2q$	B1

Q15 Grade 4 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	t^2 -terms: $4t^2 + 2t^2 = 6t^2$	B1
(a)	t-terms: $-t + 6t = 5t$, so $6t^2 + 5t$	B1

Teachably-style questions

Q16 Grade 2 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	$7n$ and $5n$	B1

Q17 Grade 2 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	$13y$	B1

Q18 Grade 3 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	$-2n$	B1

Q19 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	m-terms: $5m - 3m = 2m$	B1
(a)	n-terms: $4n - n = 3n$, so $2m + 3n$	B1

Q20 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	w^2 -terms: $6w^2 - 3w^2 = 3w^2$	B1
(a)	w-terms: $4w - w = 3w$, so $3w^2 + 3w$	B1

END OF PAPER

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