
GCSE Mathematics

Standard Form Practice

Mark Scheme - Foundation, Grade 4-5

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

© Teachably. This resource may not be copied or distributed without permission.

Edexcel-style questions

Q1 Grade 4 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	3.58×10^5	B1

Q2 Grade 4 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	63 000	B1

Q3 Grade 5 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	5.6×10^3 , 8.9×10^3 , 3.2×10^4 , 2.1×10^5	B1

Q4 Grade 5 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	$2 \times 3 = 6$, $10^3 \times 10^2 = 10^5$	M1
(a)	6×10^5	A1

Q5 Grade 5 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	$8 \div 2 = 4$, $10^6 \div 10^2 = 10^4$	M1
(a)	4×10^4	A1

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

Part	Mark scheme	Marks
(a)	4.62×10^{-4}	B1

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

Part	Mark scheme	Marks
(a)	0.0047	B1

Q8 Grade 5 AQA style**Total: 1**

Part	Mark scheme	Marks
(a)	4.5×10^{-3} , since 10^{-3} is a larger power of 10 than 10^{-4}	B1

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

Part	Mark scheme	Marks
(a)	$5 \times 4 = 20$, $10^4 \times 10^2 = 10^6$, so 20×10^6	M1
(a)	2×10^7	A1

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

Part	Mark scheme	Marks
(a)	$9 \div 3 = 3$, $10^5 \div 10^{-2} = 10^7$	M1
(a)	3×10^7	A1

OCR-style questions

Q11 Grade 4 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	7.2×10^7	B1

Q12 Grade 4 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	9 050 000	B1

Q13 Grade 5 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	1.2×10^4 , 6.9×10^3 , 8.4×10^2 , 7.1×10^2	B1

Q14 Grade 5 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	$3 \times 2 = 6$, $10^{-2} \times 10^5 = 10^3$	M1
(a)	6×10^3	A1

Q15 Grade 5 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	$6 \div 1.5 = 4$, $10^4 \div 10^2 = 10^2$	M1
(a)	4×10^2	A1

Teachably-style questions

Q16 Grade 4 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	5.9×10^{-3}	B1

Q17 Grade 4 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	0.000028	B1

Q18 Grade 5 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	9.8×10^4 , since 10^4 is a smaller power of 10 than 10^5	B1

Q19 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$6 \times 5 = 30$, $10^3 \times 10^4 = 10^7$, so 30×10^7	M1
(a)	3×10^8	A1

Q20 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$7.5 \div 5 = 1.5$, $10^8 \div 10^3 = 10^5$	M1
(a)	1.5×10^5	A1

END OF PAPER

Want help from an expert maths tutor?

Book a free GCSE Maths consultation with our team at Teachably. Visit teachably.co.uk/book-call to get started.