
GCSE Mathematics

Estimation Practice

Mark Scheme - Foundation, Grade 3-5

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

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Edexcel-style questions

Q1 Grade 3 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	300×50	M1
(a)	15 000	A1

Q2 Grade 4 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	$\frac{20 \times 5}{0.5}$	M1
(a)	200	A1

Q3 Grade 4 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	7×3	M1
(a)	21	A1

Q4 Grade 5 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	$8^2 = 64, 9^2 = 81$	M1
(a)	8 and 9	A1

Q5 Grade 5 Edexcel style**Total: 2**

Part	Mark scheme	Marks
(a)	50×30	M1
(a)	1500	A1

AQA-style questions**Q6** Grade 3 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	90×20	M1
(a)	1800	A1

Q7 Grade 4 AQA style**Total: 2**

Part	Mark scheme	Marks
(a)	$\frac{300 \times 7}{30}$	M1
(a)	70	A1

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

Part	Mark scheme	Marks
(a)	0.5×20	M1
(a)	10	A1

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

Part	Mark scheme	Marks
(a)	$11^2 = 121, 12^2 = 144$	M1
(a)	11 and 12	A1

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

Part	Mark scheme	Marks
(a)	$\text{£}4 \times 20$	M1
(a)	£80	A1

OCR-style questions**Q11** Grade 3 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	$600 \div 20$	M1
(a)	30	A1

Q12 Grade 4 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	$\frac{50 \times 10}{5}$	M1
(a)	100	A1

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

Part	Mark scheme	Marks
(a)	$40 \div 8$	M1
(a)	5	A1

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

Part	Mark scheme	Marks
(a)	$6^2 = 36, 7^2 = 49$	M1
(a)	6 and 7	A1

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

Part	Mark scheme	Marks
(a)	60×4	M1
(a)	240 miles	A1

Teachably-style questions

Q16 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$300 \div 30$	M1
(a)	10	A1

Q17 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$\frac{200 \times 4}{40}$	M1
(a)	20	A1

Q18 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	0.09×600	M1
(a)	54	A1

Q19 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$14^2 = 196, 15^2 = 225$	M1
(a)	14 and 15	A1

Q20 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	600×2	M1
(a)	1200	A1

END OF PAPER

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