
GCSE Mathematics

The Probability Scale

Mark Scheme - Foundation Tier | Grades 1-3

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

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Edexcel-style questions

Q1 Grade 1 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	unlikely	B1

Q2 Grade 2 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	compares the four values	M1
(a)	0.1, 0.3, 0.65, 0.8	A1

Q3 Grade 1 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	0	B1

Q4 Grade 2 Edexcel style

Total: 1

Part	Mark scheme	Marks
(a)	0.2	B1

Q5 Grade 3 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	$P(\text{tails}) = 0.5$	M1
(a)	B	A1

AQA-style questions

Q6 Grade 1 AQA style

Total: 1

Part	Mark scheme	Marks
(a)	likely	B1

Q7 Grade 2 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	compares the four values	M1
(a)	0.05, 0.2, 0.55, 0.9	A1

Q8 Grade 1 AQA style

Total: 1

Part	Mark scheme	Marks
(a)	1	B1

Q9 Grade 2 AQA style

Total: 1

Part	Mark scheme	Marks
(a)	0.7	B1

Q10 Grade 3 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	$P(\text{even}) = \frac{3}{6} = 0.5$	M1
(a)	C	A1

OCR-style questions

Q11 Grade 1 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	an even chance	B1

Q12 Grade 2 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	compares the four values	M1
(a)	$\frac{1}{10}, \frac{1}{4}, \frac{1}{2}, \frac{3}{4}$	A1

Q13 Grade 2 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	0	B1

Q14 Grade 2 OCR style

Total: 1

Part	Mark scheme	Marks
(a)	0.4	B1

Q15 Grade 3 OCR style

Total: 2

Part	Mark scheme	Marks
(a)	$P(\text{greater than } 4) = \frac{1}{5} = 0.2$	M1
(a)	B	A1

Teachably-style questions

Q16 Grade 1 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	certain	B1

Q17 Grade 2 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	compares the four values	M1
(a)	0.05, 0.15, 0.35, 0.6	A1

Q18 Grade 2 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	1	B1

Q19 Grade 2 Teachably style

Total: 1

Part	Mark scheme	Marks
(a)	0.9	B1

Q20 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$P(\text{yellow}) = \frac{4}{10} = 0.4$	M1
(a)	B	A1

END OF PAPER

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