ENGLAND GCSE MATHS OCR FOUNDATION · UNIT 12 · 5 QUESTIONS

Probability — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A bag contains 4 red glass marbles and 2 blue glass marbles. The probability of picking a red marble is**

- **A** $\frac{4}{7}$
- **B** $\frac{1}{3}$
- **C** $\frac{5}{6}$
- **D** $\frac{2}{3}$

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2 The probability of rain is 0.8. The probability of no rain is

- **A** 0.8
- **B** 0.1
- **C** 0.2
- **D** 0.3

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3 A box contains 12 eggs. 3 eggs are cracked. The probability of picking a cracked egg is

- **A** $\frac{1}{4}$
- **B** $\frac{3}{16}$
- **C** $\frac{3}{4}$
- **D** $\frac{1}{3}$

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4 **P(A) = 0.4, P(B) = 0.4, P(A and B) = 0.15. P(A or B) is**

- A 0.65
- B 0.16
- C 0.75
- D 0.8

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5 **Three silver coins are tossed. The probability of three heads is**

- A $\frac{1}{8}$
- B $\frac{3}{4}$
- C $\frac{1}{16}$
- D $\frac{1}{2}$

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ANSWER KEY

1. D
2. C
3. A
4. A
5. A

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