ENGLAND GCSE MATHS EDEXCEL HIGHER · 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 holds 5 red glass marbles and 2 blue glass marbles. The probability of picking a red marble at random is**

- **A** $\frac{2}{7}$
- **B** $\frac{6}{7}$
- **C** $\frac{5}{8}$
- **D** $\frac{5}{7}$

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2 **A shelf has 9 hardcover books: 3 red and 6 blue. The probability of picking a red book is**

- **A** $\frac{1}{3}$
- **B** $\frac{2}{3}$
- **C** $\frac{3}{11}$
- **D** $\frac{4}{9}$

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3 **The probability of rain is 0.4. The probability of no rain is**

- **A** 0.4
- **B** 0.7
- **C** 0.6
- **D** 0.5

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4 A box holds 16 eggs. 4 eggs are cracked. The probability of picking a cracked egg at random is

- **A** $\frac{3}{4}$
- **B** $\frac{5}{16}$
- **C** $\frac{1}{4}$
- **D** $\frac{1}{5}$

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5 A fruit bowl contains 4 lemons and 6 apples. The probability of picking a lemon is

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

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ANSWER KEY

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

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