ENGLAND GCSE MATHS AQA 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 **Two silver coins are tossed. The probability of two heads is**

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

3 **An ice cream cone is chosen at random from 10 cones: 3 vanilla and 7 chocolate. The probability it is vanilla is**

- **A** $\frac{7}{10}$
- **B** $\frac{1}{4}$
- **C** $\frac{2}{5}$
- **D** $\frac{3}{10}$

Understand It with Pulse | Flag a mistake

4 The probability of rain is 0.6. The probability of no rain is

- **A** 0.3
- **B** 0.4
- **C** 0.5
- **D** 0.6

Understand It with Pulse | Flag a mistake

5 A fruit bowl contains 3 lemons and 6 apples. The probability of picking a lemon is

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

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.