ALBERTA MATH 30-2 · UNIT 3 · 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 standard die is rolled once. The probability of rolling a number greater than 4 is**

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

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2 **The graph below shows the probability distribution for the points scored in a board game. The expected value of one turn, in points, is ____ Record your answer as a decimal.**

ANSWER _____

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3 **The probability of snow tomorrow is 0.28 . The odds in favour of snow are**

A 7:18

B 18:7

C 7:25

D 25:7

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4 **Colourful spinner wheel is divided into four equal sections red, blue, green and yellow, on a stand. A spinner was spun 60 times and landed on blue 15 times. The experimental probability of landing on blue, expressed as a decimal, is _____**



ANSWER

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5 **A coin is flipped three times. The probability of getting at least one head is**

- **A** $\frac{1}{2}$
- **B** $\frac{3}{8}$
- **C** $\frac{7}{8}$
- **D** $\frac{5}{8}$

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ANSWER KEY

1. B
2. 1.8
3. A
4. 0.25
5. C

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