ARKANSAS STATISTICS · UNIT 2 · 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 fair six sided die is rolled once The probability of rolling a 1 is about**

A 0.33

B 0.5

C 0.83

D 0.17

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2 **An event has probability 0.8 The probability that the event does not happen is**

A 0.2

B 0.8

C 1.8

D 0.08

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3 **Pile of colourful lottery balls with white numbers, red blue green yellow, large in frame. A bag has 2 green balls and 8 yellow balls One ball is drawn at random The probability it is green is**



A 0.8

B 0.2

C 0.5

D 0.1

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4 **Events A and B cannot happen at the same time, with probabilities 0.1 and 0.4 The probability of A or B is**

- A 0.04
- B 0.3
- C 0.5
- D 0.9

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5 **The probability of A is 0.6, the probability of B is 0.3, and the probability of both is 0.1 The probability of A or B is**

- A 0.9
- B 0.2
- C 1.0
- D 0.8

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ANSWER KEY

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

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