PRINCE EDWARD ISLAND FOUNDATIONS OF MATHEMATICS 11 · UNIT C

Statistics and Probability — Practice Test

Prince Edward Island Foundations of Mathematics 11 • 10 questions

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 **The data set is 3, 7, 9, 11, 15. What is the range of the data set**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The data set is 10, 20, 30, 40, 50. What is the median of the data set**

ANSWER _____

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3 **The middle value of 1, 4, 9, 12, 20 is**

A 9

B 4

C 12

D 1

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4 **The mode of a data set is the value that occurs**

A least often

B in the middle

C most often

D at the start

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5 **The most common value in 2, 3, 3, 5, 7 is**

- **A** 2
- **B** 5
- **C** 7
- **D** 3

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6 **The probability of an event plus the probability of its complement equals**

- **A** 1
- **B** 0
- **C** $\frac{1}{2}$
- **D** 2

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7 **The range of a data set is the difference between the**

- **A** mean and median
- **B** first and last values
- **C** mode and median
- **D** largest and smallest values

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8 **When a fair coin is tossed, the probability of heads is**

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

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9 When a fair six sided die is rolled, the probability of rolling a 6 is

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

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10 The data set is 10, 20, 30, 40, 50. What is the range of the data set

ANSWER _____

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ANSWER KEY

1.	12	**5.**	D	**9.**	D
2.	30	**6.**	A	**10.**	40
3.	A	**7.**	D		
4.	C	**8.**	C		

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