Statistics — Practice Test

Prince Edward Island Pre-Calculus Elective 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 weekly temperatures in degrees are 20, 25, 30, 35, 40. What is the median temperature**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A box plot shows the median and the**

A. quartiles

B. mean only

C. mode only

D. standard deviation only

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3 **A class has 10 students chosen equally, and 1 of them are in Grade 11. If one student is chosen at random, what is the probability the student is in Grade 11, as a decimal**

ANSWER _____

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4 **A lobster boat records daily catches of 15, 18, 21, 24, 27 kilograms over five days. What is the range of the daily catches in kilograms**

ANSWER _____

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5 **The mode of 4, 4, 7, 9, 9, 9 is**

A 9

B 4

C 7

D 6

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6 **The range of 5, 12, 19, 26 is**

- A 5
- B 26
- C 14
- D 21

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7 **The third quartile marks the value below which about**

- A one quarter lies
- B half the data lies
- C three quarters of the data lies
- D all data lies

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8 **To find a mean, first**

A add all the values

B order the values

C count the modes

D subtract the smallest

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9 **The weekly temperatures in degrees are 6, 10, 14, 18, 22. What is the median temperature**

ANSWER _____

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10 **The weekly temperatures in degrees are 15, 18, 21, 24, 27. What is the median temperature**

ANSWER _____

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ANSWER KEY

1.	30	**5.**	A	**9.**	14
2.	A	**6.**	D	**10.**	21
3.	0.10	**7.**	C		
4.	12	**8.**	A		

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