NORTHWEST TERRITORIES WORKPLACE MATHEMATICS 11 (MWPM-11) · UNIT C · 10 QUESTIONS

Probability and Statistics — 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 **The mean of 10, 20 and 30 is**

- A 15
- B 20
- C 25
- D 30

Understand It with Pulse | Flag a mistake

2 **The median of 8, 11, 15, 19 and 22 is**

- A 11
- B 15
- C 19
- D 22

Understand It with Pulse | Flag a mistake

3 **The range of 5, 9, 14 and 20 is**

- A 5
- B 9
- C 15
- D 20

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4 **The mode of 3, 3, 4, 6 and 8 is**

- A 3
- B 4
- C 6
- D 8

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5 **Workers are asked about shift preferences by an online poll that anyone may answer. This sample is best described as**

A voluntary

B random

C systematic

D stratified

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6 **A workplace survey finds that 8 out of 10 staff prefer morning shifts. If 50 staff work there, the expected number preferring mornings is**

A 30

B 35

C 40

D 45

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7 **Which average is the middle value when data are ordered?**

- **A** Mean
- **B** Median
- **C** Mode
- **D** Range

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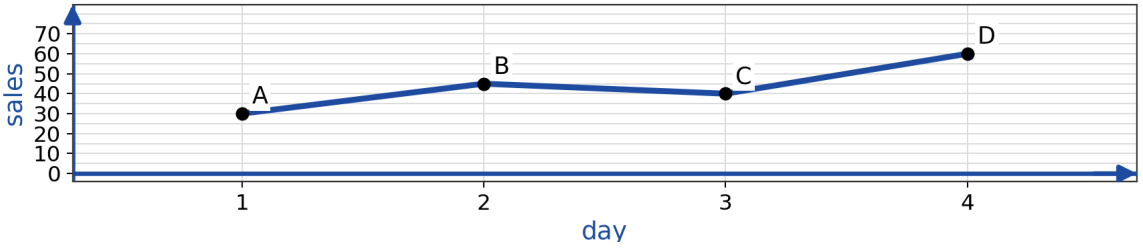
8 **The graph shows daily sales for a shop. The day with the highest sales is day**



- **A** 1
- **B** 2
- **C** 3
- **D** 4

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9 **A coin tossed 100 times lands heads 48 times. The experimental probability of heads is**

- **A** $\frac{48}{100}$
- **B** $\frac{52}{100}$
- **C** $\frac{1}{2}$
- **D** $\frac{48}{52}$

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10 **Experimental probability is based on**

- **A** results actually observed
- **B** theory alone
- **C** guessing
- **D** odds only

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ANSWER KEY

1. B
2. B
3. C
4. A
5. A
6. C
7. B
8. D
9. A
10. A

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