ALBERTA MATH 20-3 · UNIT 5 · 5 QUESTIONS

# Statistics and Graphs — 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 line graph shows books loaned by a library over four weeks. How many more books were loaned in Week 4 than in Week 1?**

- A 205
- B 35
- C 45
- D 120

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2 **A colourful spinner wheel is divided into eight equal sections. A category makes up 10% of a circle graph. What is the central angle of its sector?**



A 10°

B 18°

C 36°

D 90°

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3 **On a pictograph, each symbol represents 4 bicycles. A row has 9 symbols. What value does the row represent?**

- A 9
- B 13
- C 32
- D 36

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4 **Which graph is most appropriate for showing how the population of a town changed over a period of 10 years?**

- A A line graph
- B A circle graph
- C A histogram
- D A pictograph with no key

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5 **A histogram of delivery times has these frequencies: 0-9: 4, 10-19: 6, 20-29: 10, 30-39: 5. What is the total frequency of the histogram?**

A 20

B 25

C 10

D 15

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## ANSWER KEY

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

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