NEWFOUNDLAND AND LABRADOR MATHEMATICS 2202 · UNIT D · 10 QUESTIONS

Slope and Proportional Reasoning — 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 **Think about the property. The slope of a vertical line is**

- A 0
- B undefined
- C 1
- D negative

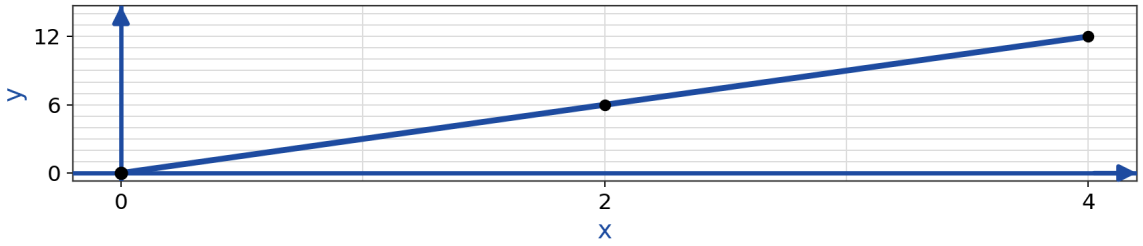
Understand It with Pulse | Flag a mistake

2 **A car travels 200 km in 4 hours. Its average speed, in kilometres per hour, is**

ANSWER _____

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3 **Apply the property. The graph shows a straight line through (0, 0) and (2, 6). Its slope is**



- **A** 2
- **B** 6
- **C** 12
- **D** 3

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4 **If 4 kg costs $12, at the same rate, the cost of 10 kg, in dollars, is**

ANSWER _____

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5 **The slope of the line through (0, 0) and (5, 10) is**

ANSWER _____

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6 **The slope of the line through (0, 5) and (4, 13) is**

ANSWER _____

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7 **Recall the statement. A line with a positive slope**

A falls from left to right

B is horizontal

C is vertical

D rises from left to right

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8 **One item costs $3. At the same rate, the cost of 7 items, in dollars, is**

ANSWER _____

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9 **A total of $25 for 5 items gives a unit rate, in dollars per item, of**

ANSWER _____

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10 **The y intercept of y = -4x + 7 is**

ANSWER _____

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ANSWER KEY

1. B
2. 50
3. D
4. 30
5. 2
6. 2
7. D
8. 21
9. 5
10. 7

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