SLOPE AND PROPORTIONAL REASONING - PRACTICE TEST | NEW BRUNSWICK FINANCIAL AND WORKPLACE MATHEMATICS 120 · UNIT C · 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 **A car travels 300 km in 5 hours at a steady speed. Its speed in kilometres per hour is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A car travels 160 km in 4 hours at a steady speed. Its speed in kilometres per hour is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The slope of the line through (0,0) and (2,6) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The slope of the line through (0,1) and (3,10) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The slope of the line through (1,2) and (4,11) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The slope of the line through (0,0) and (4,12) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The values 6 and 18 are in direct proportion with a constant of proportionality of 3. If the first value is 8, the second value is**

- A 24
- B 11
- C 16
- D 32

Understand It with Pulse | Flag a mistake

8 **The values 7 and 21 are in direct proportion with a constant of proportionality of 3. If the first value is 8, the second value is**

- A 11
- B 24
- C 16
- D 32

Understand It with Pulse | Flag a mistake

9 **For the line y = 2x + 3 , the value of y when x = 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **For the line y = 3x + 1 , the value of y when x = 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	60	**5.**	3	**9.**	11
2.	40	**6.**	3	**10.**	13
3.	3	**7.**	A		
4.	3	**8.**	B		

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