SLOPE AND PROPORTIONAL REASONING - PRACTICE TEST | NEW BRUNSWICK FINANCIAL AND WORKPLACE MATHEMATICS 110 · UNIT C · 25 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 line passes through points with coordinates 0 comma 0 and 2 comma 6. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A ramp rises 6 metres over a horizontal run of 3 metres. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A worker earns 180 dollars in 6 hours. At the same rate, earnings for 10 hours, in dollars, are**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **If 3 items cost 6 dollars, then 2 items at the same unit price cost, in dollars**

ANSWER _____

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5 **A line with slope 0 is**

A vertical

B diagonal upward

C diagonal downward

D horizontal

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6 **A negative slope means the line**

- A rises from left to right
- B is horizontal
- C falls from left to right
- D is vertical

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7 **If a car travels 120 kilometres in 2 hours at constant speed, its rate, in kilometres per hour, is 60. This rate is also called its**

- A slope on a distance time graph
- B area on a distance time graph
- C intercept
- D maximum value

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8 **A line passes through points with coordinates 0 comma 1 and 4 comma 9. Its slope is**

ANSWER _____

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9 **A ramp rises 10 metres over a horizontal run of 5 metres. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **A worker earns 240 dollars in 8 hours. At the same rate, earnings for 5 hours, in dollars, are**

ANSWER _____

Understand It with Pulse | Flag a mistake

11 **If 4 items cost 20 dollars, then 5 items at the same unit price cost, in dollars**

ANSWER _____

Understand It with Pulse | Flag a mistake

12 **A line passes through points with coordinates 1 comma 2 and 5 comma 14. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

13 **A ramp rises 9 metres over a horizontal run of 3 metres. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

14 **A line passes through points with coordinates 0 comma 0 and 5 comma 10. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

15 **A ramp rises 12 metres over a horizontal run of 4 metres. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

16 **A line passes through points with coordinates 2 comma 3 and 6 comma 11. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

17 **A ramp rises 18 metres over a horizontal run of 6 metres. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

18 **A line passes through points with coordinates 1 comma 1 and 4 comma 10. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

19 **A ramp rises 20 metres over a horizontal run of 10 metres. Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

20 **A line passes through points with coordinates 0 comma 0 and 3 comma 15. Its slope is**

ANSWER

Understand It with Pulse | Flag a mistake

21 **A ramp rises 8 metres over a horizontal run of 4 metres. Its slope is**

ANSWER

Understand It with Pulse | Flag a mistake

22 **A line passes through points with coordinates 1 comma 0 and 6 comma 20. Its slope is**

ANSWER

Understand It with Pulse | Flag a mistake

23 **A ramp rises 15 metres over a horizontal run of 5 metres. Its slope is**

ANSWER

Understand It with Pulse | Flag a mistake

24 **A line passes through points with coordinates 0 comma 4 and 5 comma 24. Its slope is**

ANSWER

Understand It with Pulse | Flag a mistake

25 **A ramp rises 21 metres over a horizontal run of 7 metres. Its slope is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	3	**10.**	150	**19.**	2
2.	2	**11.**	25	**20.**	5
3.	300	**12.**	3	**21.**	2
4.	4	**13.**	3	**22.**	4
5.	D	**14.**	2	**23.**	3
6.	C	**15.**	3	**24.**	4
7.	A	**16.**	2	**25.**	3
8.	2	**17.**	3		
9.	2	**18.**	3		

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