Linear Relationships — Practice Test

Prince Edward Island Apprenticeship and Workplace Mathematics 12 • 10 questions

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 **For the linear relation y = 2x + 5 , the value of y at x = 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The slope of a line rising 12 over a run of 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The y intercept of y = 7x - 3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **For y = 5x - 2 , the value of y at x = 5 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The x intercept of y = 2x - 8 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The y intercept is the value of y when x equals**

A 1

B the slope

C the maximum

D 0

Understand It with Pulse | Flag a mistake

7 **Two lines with the same slope are**

A perpendicular

B identical always

C intersecting at zero

D parallel

Understand It with Pulse | Flag a mistake

8 **For the linear relation y = 1x + 7 , the value of y at x = 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The slope of a line rising 15 over a run of 3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The y intercept of y = -4x + 6 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	17	**5.**	4	**9.**	5
2.	3	**6.**	D	**10.**	6
3.	-3	**7.**	D		
4.	23	**8.**	11		

© 2026 Brett Robbins. All Rights Reserved.