SASKATCHEWAN WORKPLACE AND APPRENTICESHIP MATHEMATICS 30 · UNIT A · 10 QUESTIONS

Linear Relations, Graphs and Interpolation — 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 **For the line y = 2x + 1, the y-intercept is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A line passes through (2, 3) and (6, 7). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 The equation of a line with slope 4 and y-intercept 3 is

- **A** y = 3x + 4
- **B** y = 4x + 3
- **C** y = -4x + 3
- **D** y = 4x - 3

Understand It with Pulse | Flag a mistake

4 A line passes through (1, 2) and (9, 10). Its slope is

ANSWER _____

Understand It with Pulse | Flag a mistake

5 For the line y = 3x + 1, the y-intercept is

ANSWER _____

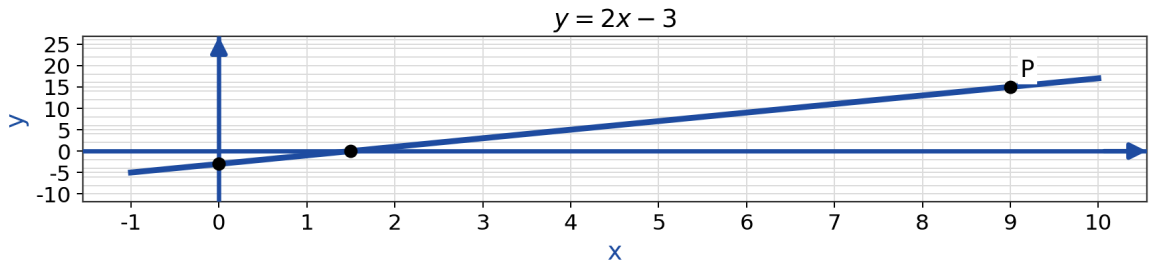
Understand It with Pulse | Flag a mistake

6 **A line passes through (0, 5) and (6, 11). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The graph shows a line . The value of y when x = 9 is**



ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The equation of a line with slope 2 and y-intercept 3 is**

A y = 3x + 2

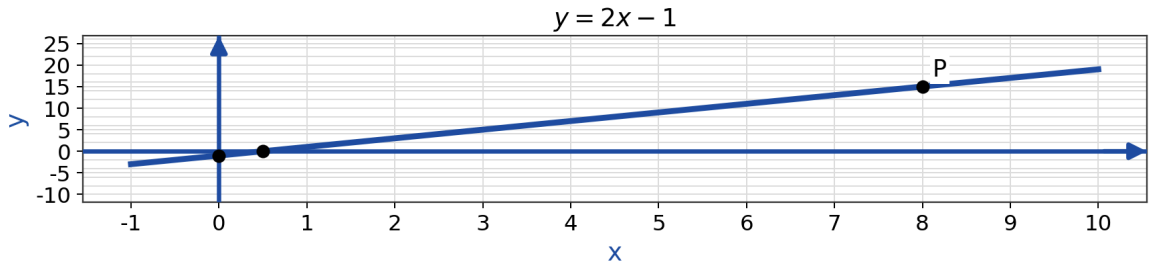
B y = -2x + 3

C y = 2x + 3

D y = 2x - 3

Understand It with Pulse | Flag a mistake

9 **The graph shows a line . The value of y when x = 8 is**



ANSWER

Understand It with Pulse | Flag a mistake

10 **A line passes through (0, 3) and (7, 38). Its slope is**

ANSWER

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 1
2. 1
3. B
4. 1
5. 1
6. 1
7. 15
8. C
9. 15
10. 5

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