NOVA SCOTIA MATHEMATICS 10 · UNIT D · 10 QUESTIONS

Linear Relations, Functions, Equations and Systems — 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 **The system x + y = 4 and x - y = 2 has x value**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The system x + y = 4 and x - y = 2 has y value**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The system x + y = 5 and x - y = -3 has x value**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **The system x + y = 5 and x - y = -3 has y value**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The system x + y = 6 and x - y = 2 has x value**

ANSWER _____

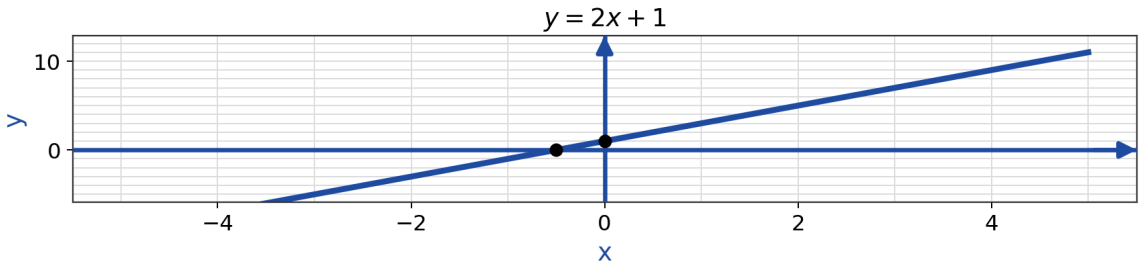
Understand It with Pulse | Flag a mistake

6 **The system x + y = 6 and x - y = 2 has y value**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **The graph shows the line y = 2x + 1 . The slope of the line is**



A 2

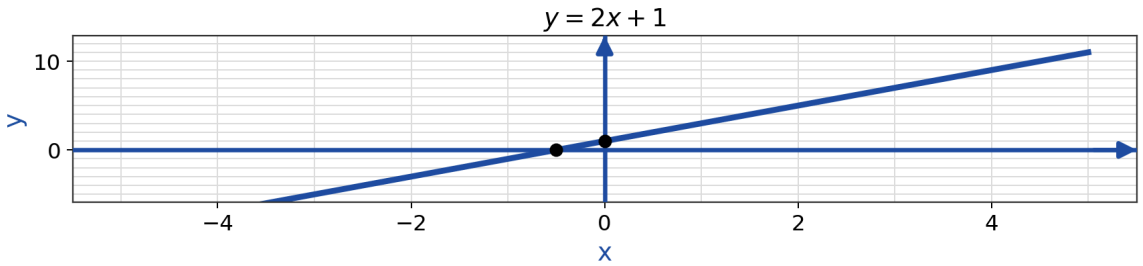
B 1

C 3

D 0.5

Understand It with Pulse | Flag a mistake

8 **The graph shows the line y = 2x + 1 . The y intercept of the line is**



- **A** 2
- **B** 1
- **C** 3
- **D** 0

Understand It with Pulse | Flag a mistake

9 **A relation is a function when each input has**

- **A** many inputs
- **B** no output
- **C** exactly one output
- **D** two outputs

Understand It with Pulse | Flag a mistake

10 **The point where a line crosses the y axis is called the**

A x intercept

B slope

C origin

D y intercept

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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