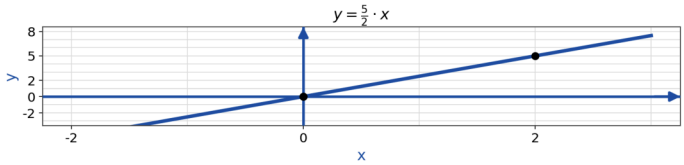
NUNAVUT MATH 20-2 · UNIT 8 · 5 QUESTIONS

Linear Relations 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 graph shows a line through the origin. The slope of the line is**



A $\frac{2}{5}$

B 5

C $\frac{5}{2}$

D $-\frac{5}{2}$

Understand It with Pulse

Flag a mistake

2 The y-intercept of the line $y = \frac{3}{4}x - 6$ is

A -6

B 6

C $\frac{3}{}$

D $-\frac{3}{}$

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3 **A full tank holds 900 L of water and drains at a constant rate, emptying completely in 45 min. The rate of drainage, in litres per minute, is _____**



ANSWER _____

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4 **Renting a bicycle costs $8 plus $3 per hour. The equation that gives the total cost, C dollars, for h hours is**

- A C = 8h + 3
- B C = 3h + 8
- C C = 11h
- D C = 3h - 8

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5 **The graphs of y = 2x - 1 and y = -x + 8 intersect at the point**

- A (5, 3)
- B (3, -5)
- C (-3, 5)
- D (3, 5)

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ANSWER KEY

1. C
2. A
3. 20
4. B
5. D

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