# Slope and Systems of Linear Equations — Practice Test

**Saskatchewan Foundations of Mathematics and Pre-calculus 10 • 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** **The solution of the system 3x + y = -7 and x - 3y = -19 is**

- A (5, -4)
- B (-3, 5)
- C (-4, 5)
- D (-4, 6)

Understand It with Pulse | Flag a mistake

**2** **Tickets cost 5 dollars for adults and 3 dollars for students. A group buys 1 adult tickets and 6 student tickets. The total cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A line parallel to y = 6x + 1 has slope**

A -6

B -1/6

C $\frac{1}{6}$

D 6

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4 **Solve: 5x + 3 = 28. The value of x is**

ANSWER _____

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5 **The solution of the system 1x + y = 9 and x - 3y = -7 is**

A (5, 4)

B (4, 5)

C (6, 4)

D (5, 5)

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6 **Tickets cost 5 dollars for adults and 3 dollars for students. A group buys 5 adult tickets and 1 student tickets. The total cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

**7** **A line parallel to y = 2x + 1 has slope**

- **A** -2
- **B** -1/2
- **C** 2
- **D** $\frac{1}{2}$

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**8** **Solve: 5x + 2 = 17. The value of x is**

ANSWER _____

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**9** **The solution of the system 1x + y = -5 and x - 1y = -5 is**

- **A** (0, -5)
- **B** (-5, 0)
- **C** (-4, 0)
- **D** (-5, 1)

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**10** **Tickets cost 5 dollars for adults and 3 dollars for students. A group buys 3 adult tickets and 3 student tickets. The total cost, in dollars, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

## ANSWER KEY

| | | | | | |
|---|---|---|---|---|---|
| **1.** | C | **5.** | A | **9.** | B |
| **2.** | 23 | **6.** | 28 | **10.** | 24 |
| **3.** | D | **7.** | C | | |
| **4.** | 5 | **8.** | 3 | | |

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