# Right Triangles, Slope and Rate of Change — Practice Test

**Saskatchewan Workplace and Apprenticeship Mathematics 20 • 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** **A ramp rises 3 m over a horizontal run of 4 m. Its slope is**

- **A** $\frac{3}{4}$
- **B** $\frac{4}{3}$
- **C** $\frac{7}{4}$
- **D** $\frac{3}{5}$

Understand It with Pulse | Flag a mistake

**2** **A line passes through (3, 2) and (5, 8). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A line passes through (2, 1) and (7, 3). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A line passes through (0, 0) and (4, 4). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A line passes through (0, 3) and (5, 13). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **A line passes through (0, 2) and (2, 8). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **A line passes through (3, 0) and (5, 6). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **A right triangle has legs 3 and 4. The hypotenuse is**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **A line passes through (2, 1) and (6, 3). Its slope is**

ANSWER _____

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10 **A line passes through (2, 1) and (6, 5). Its slope is**

ANSWER _____

Understand It with Pulse | Flag a mistake

# ANSWER KEY

| | | | | | |
|---|---|---|---|---|---|
| **1.** | A | **5.** | 2 | **9.** | 0.5 |
| **2.** | 3 | **6.** | 3 | **10.** | 1 |
| **3.** | 0.4 | **7.** | 3 | | |
| **4.** | 1 | **8.** | 5 | | |

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