PRINCE EDWARD ISLAND APPRENTICESHIP AND WORKPLACE MATHEMATICS 11 · UNIT D · 10 QUESTIONS

Slope and Proportional Reasoning — 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 **A total of 80 dollars is shared in equal parts among 8 workers. How many dollars does each worker receive**



ANSWER

Understand It with Pulse | Flag a mistake

2 **A recipe uses direct proportion with constant 5. If one batch needs 7 units of an ingredient scaled by the constant, what is the scaled amount**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **Proportional reasoning is useful for scaling a recipe because ingredients increase**

A by the same amount always

B independently

C by doubling only

D in the same ratio

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4 **Slope is defined as rise divided by**



A run

B distance

C height only

D time

Understand It with Pulse | Flag a mistake

5 **The fraction $\frac{3}{4}$ as a percent is**

- A 34 percent
- B 75 percent
- C 43 percent
- D 25 percent

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6 **The slope of a horizontal line is**

- A 1
- B 0
- C undefined
- D negative

Understand It with Pulse | Flag a mistake

7 **The slope of a vertical line is**

A zero

B one

C undefined

D negative

Understand It with Pulse | Flag a mistake

8 **The slope of y = 3x + 2 is**

A 2

B 5

C 1

D 3

Understand It with Pulse | Flag a mistake

9 **The y intercept of y = 3x + 2 is**

A 2

B 3

C 5

D 0

Understand It with Pulse | Flag a mistake

10 **A total of 150 dollars is shared in equal parts among 10 workers. How many dollars does each worker receive**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 10
2. 35
3. D
4. A
5. B
6. B
7. C
8. D
9. A
10. 15

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