



TEST

Unit 14

Page 1

Name: _____

Period: _____

Date: _____

Instructions: Calculate and graph the following slope using the given starting point. Graph at least 3 points before drawing the line between them.

example: Rise = 7 Run = 9

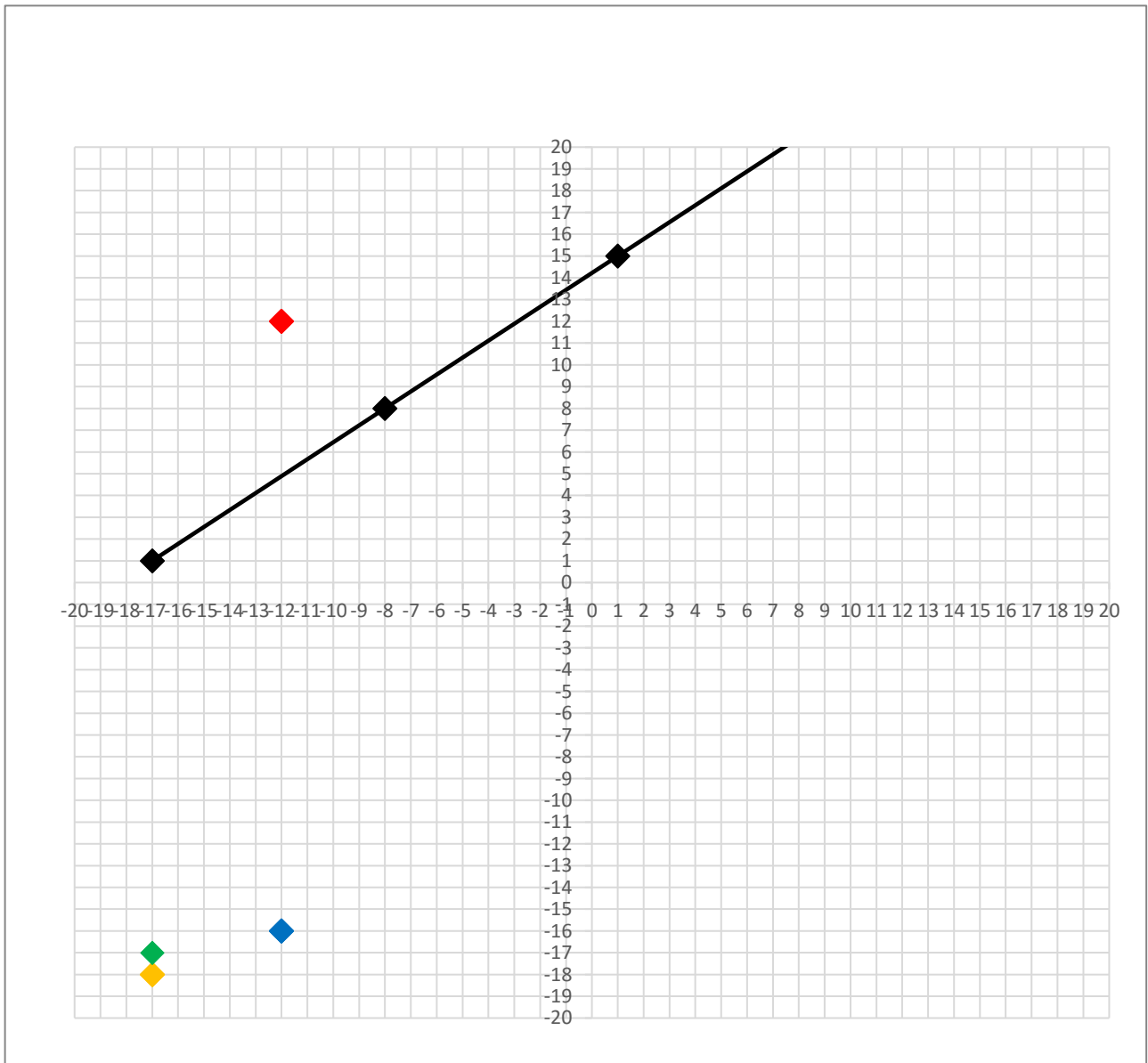
Slope = $7 \div 9 = 0.78$

In Blue) Rise -4 Run 2 Slope = _____

In Yellow) Rise 4 Run 9 Slope = _____

In Red) Rise 5 Run 3 Slope = _____

In Green) Rise 10 Run 7 Slope = _____





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Name: _____

Period: _____

Date: _____

Instructions: Complete the equations for the three different value sets and graph them. Which value set would bring in more profits?

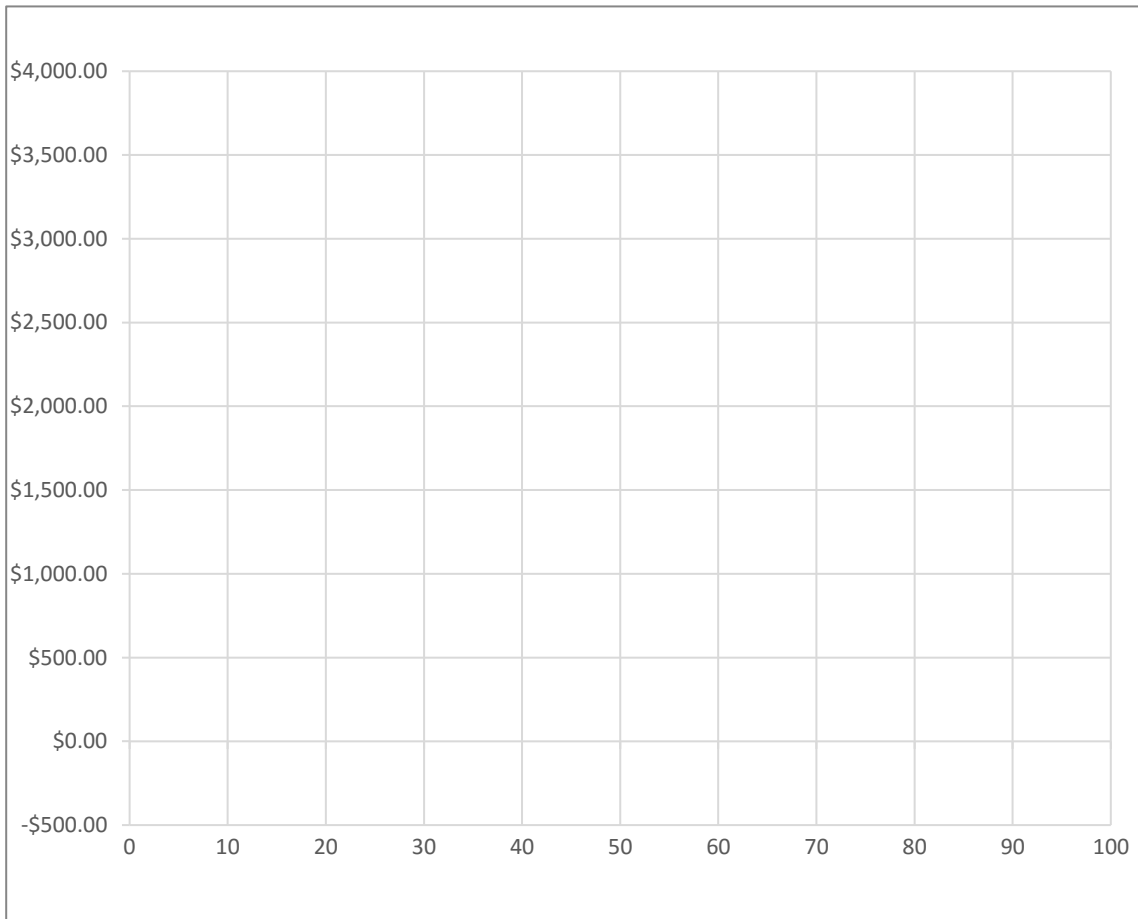
I can spend \$51.00 on advertisements and sell 93 Clocks at a \$29.00 profit per unit.

OR

I can spend \$53.00 on advertisements and sell 83 Clocks at a \$46.00 profit per unit.

OR

I can spend \$86.00 on advertisements and sell 92 Clocks at a \$25.00 profit per unit.





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Answer Key

Instructions: Calculate and graph the following slope using the given starting point. Graph at least 3 points before drawing the line between them.

example: Rise = 7 Run = 9

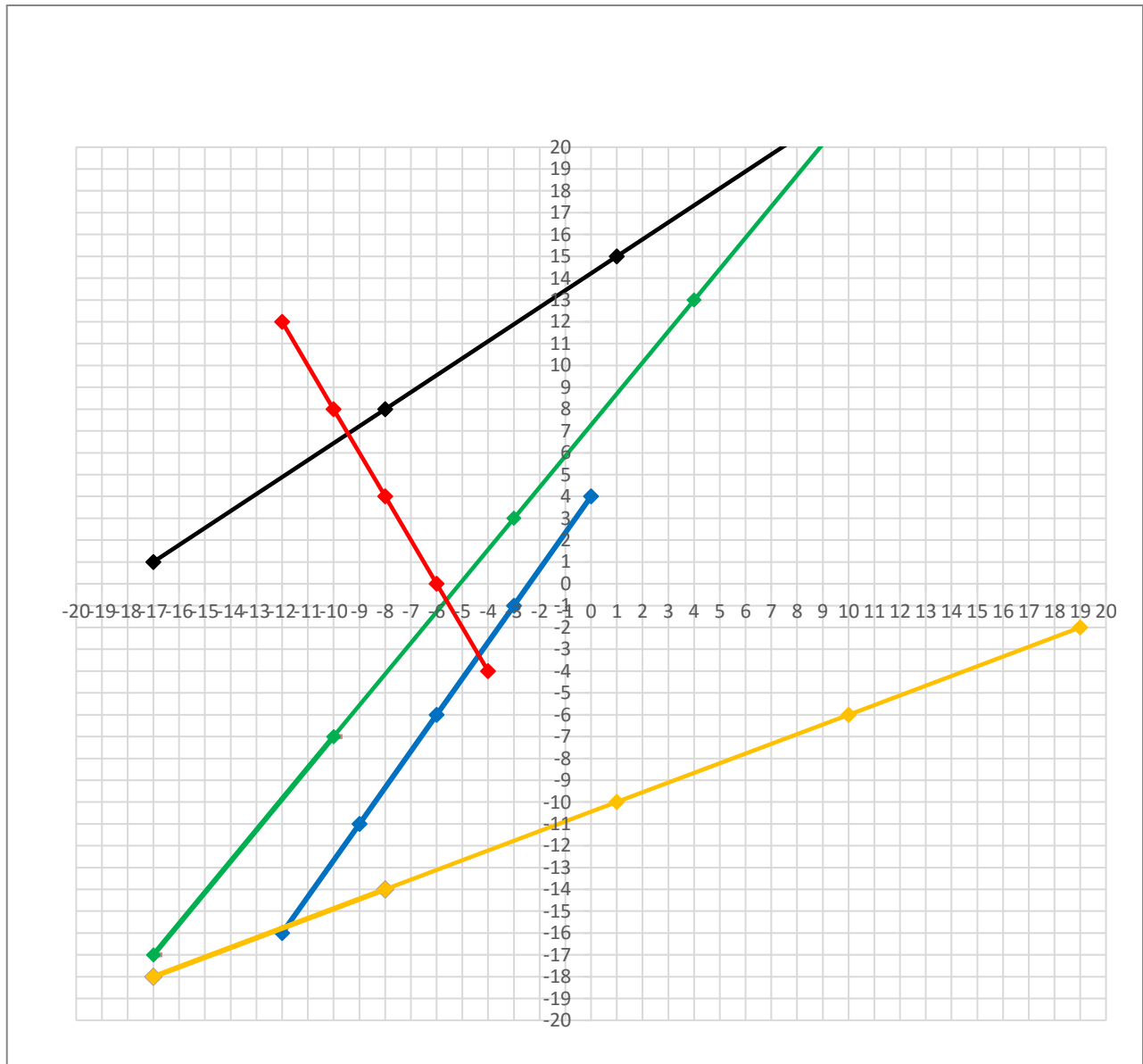
Slope = $7 \div 9 = 0.78$

In Blue) Rise -4 Run 2 Slope = -2

In Yellow) Rise 4 Run 9 Slope = 0.44

In Red) Rise 5 Run 3 Slope = 1.67

In Green) Rise 10 Run 7 Slope = 1.43



Instructions: Complete the equations for the three different value sets and graph them. Which value set would bring in more profits?

I can spend \$51.00 on advertisements and sell 93 Clocks at a \$29.00 profit per unit.

$$y = mx + b$$

$$y = \$2,646.00$$

OR

I can spend \$53.00 on advertisements and sell 83 Clocks at a \$46.00 profit per unit.

Brings in most Profit

$$y = mx + b$$

$$y = \$3,765.00$$

OR

I can spend \$86.00 on advertisements and sell 92 Clocks at a \$25.00 profit per unit.

$$y = mx + b$$

$$y = \$2,214.00$$

