

Name _____



Slope Interpretations

Directions: Match each best-fit equation to the correct slope interpretation. Write the letter on the line.

1) $y = 3x + 62$ _____

2) $y = -2x + 84$ _____

3) $y = 25x + 120$ _____

4) $y = 0.5x + 4$ _____

5) $y = -6x + 300$ _____

6) $y = 8x + 55$ _____

7) $y = 45x + 10$ _____

8) $y = -1.5x + 72$ _____

A. For each additional hour of exercise, about 25 more calories are burned.

B. For each additional hour of study, the predicted test score increases by about 8 points.

C. For each hour after sunset, the temperature decreases by about 2 degrees.

D. For each additional mile traveled, about 0.5 gallon more fuel is used.

E. For each day of a sale, about 6 fewer items remain in stock.

F. For each additional customer, predicted sales increase by about \$45.

G. For each additional week of practice, the predicted performance score increases by about 3 points.

H. For each hour after noon, the predicted temperature decreases by about 1.5 degrees.