



Name _____

Prediction Zone

Directions: Use the equation to predict y . Then write Interpolation or Extrapolation.

A fitness tracker recorded data for exercise times from 20 to 60 minutes. The line of best fit is:

$$y = 6x + 80$$

Where:

x = minutes of exercise

y = predicted calories burned

1. $x = 30$: Prediction = _____ calories Type: _____
2. $x = 70$: Prediction = _____ calories Type: _____
3. $x = 45$: Prediction = _____ calories Type: _____
4. $x = 10$: Prediction = _____ calories Type: _____
5. $x = 55$: Prediction = _____ calories Type: _____
6. $x = 80$: Prediction = _____ calories Type: _____
7. $x = 25$: Prediction = _____ calories Type: _____
8. $x = 15$: Prediction = _____ calories Type: _____