**You must SHOW ALL WORK to receive full credit.**

**Solve the following equation.**

1. $8\left(x+1\right)=4-(2x-3)$

**Find the Area and Perimeter.**

 2. Area = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 3. Perimeter = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

10 in

30 in

13 in

# of minutes

400

20

600

800

10

20

•

•

# of miles

4. Find the slope of the graph.

(Write as a reduced fraction and as a decimal rounded to the nearest hundredth. Include units.)

5. Find the y-intercept of the graph. (Include units.)