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

**Solve the following equation.**

1. $5-2\left(3x+6\right)=7-(4x-8)$

**Find the Area and Perimeter.**

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

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

12 cm

25 cm

# of miles

200

100

300

400

10

20

•

•

# of gallons

4. Find the slope of the graph.

 (Write as a reduced fraction and include units.)

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