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

**Write the equation of the line that:**

1. $passes through the points \left(6, -5\right)and (4, -7)$

**Write the following equations in slope-intercept form, identify the slope and y-intercept, and graph. Label your lines.**

1. Line A: $4x-2y=-8$

m = \_\_\_\_\_\_\_

b = \_\_\_\_\_\_\_

1. Line B: $x+3y=9$

m = \_\_\_\_\_\_\_

b = \_\_\_\_\_\_\_

**Find the Area and Perimeter.**

8 cm

 4. Area = \_\_\_\_\_\_\_

18 cm

32 cm

32 cm

24 cm

 5. Perimeter = \_\_\_\_\_\_\_\_