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

**Find the area and perimeter:**

1.

9 cm

 Perimeter= \_\_\_\_\_\_\_

22 cm

9 cm

6 cm

 Area = \_\_\_\_\_\_\_\_\_\_

**Solve the system by graphing.**

2. $y=x-4 and y=-\frac{3}{5}x+4$ 3. $y=2 and y=-\frac{3}{2}x-4$

Solution: (\_\_\_,\_\_\_) Solution: (\_\_\_,\_\_\_)

**4. Simplify the following expressions:**

a. $(2x^{5})(6x^{2})$ b. $(4x^{8})^{2}$ c. $\frac{6x^{9}}{18x^{2}}$