**Use Pythagorean Theorem to solve for the missing side. Round your answers to the nearest tenth if necessary. Find the area of the triangle:**

1.

9 cm

18 cm

 X= \_\_\_\_\_\_\_

x cm

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

**Write the equation in slope intercept form and graph: (label your lines)**

2. $x-2y=4$

3. $3x+6y=-12$

**Find the point of intersection by graphing.**

4. $y=\frac{1}{2}x+2 and y=-\frac{3}{2}x-2$ 5. $y=-2x+4 and y=\frac{2}{3}x-4$

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