1. Simplify $18\left(\frac{5}{6}y - \frac{2}{3}x\right) - 4y$

2. Add $\frac{7}{12} + \frac{13}{34}$.

3. Simplify $\frac{(8)(-9)-(6)(-2)}{-(12-8)}$

4. Simplify $\left(\frac{3x^{-2}y}{9xy^2}\right)^{-3}$

5. Solve $4x - 5y = 10$, for y.

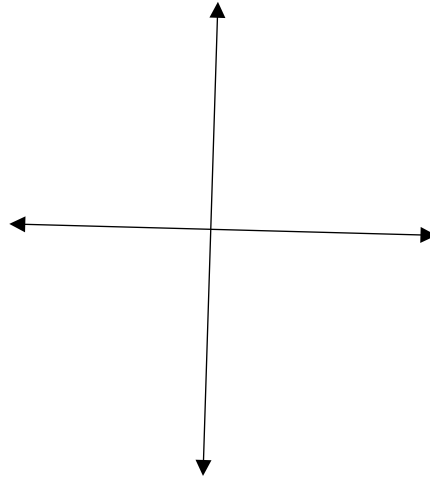6. Solve and graph the following inequality;
$$[8x - 4] - 6 \geq -3$$

7. Find the equation of the line that contains the point (0, -6), and is perpendicular to $4x - 2y = 3$

8. Let f(x) = x − 5, g(x) = 2x- 5, and h(x)= x-3 find
   a) g(f(3))

   b) $\left(\frac{f+g}{h}\right)(x)$

9. Graph $4x - 8y \geq 16$

10. Find the slope and y intercept of 3x -6y =12

11. Sarah left a $2.25 tip for a 15 dollar dinner. What percent of cost of dinner was the tip?

12. Find y if the line through (-6,2) and (3,y) has a slope of 2/3.