



7) Are these lines parallel, perpendicular, or do they simply intersect?

$$y = 6 - \frac{2}{3}x \quad \text{vs} \quad y = \frac{6}{9}x - 10$$

8) If you were going to create a line that was perpendicular to the line that has this equation, what slope would you need to use?

9) Graph  $x = 5$  and  $y = 3$  on the same graph