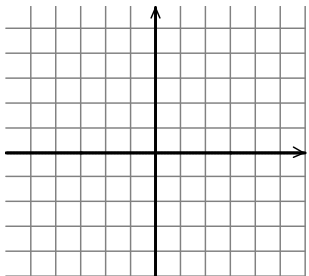
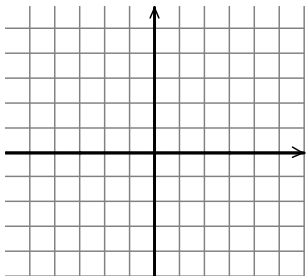
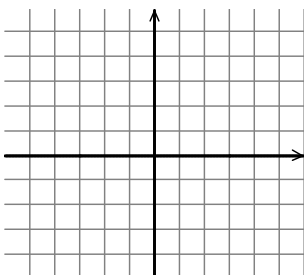
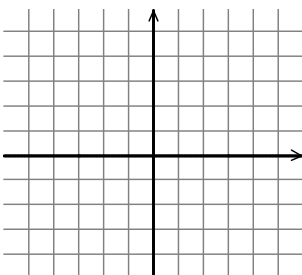



1. Solve the following equations. Make sure you learn how to deal with the fractions without using a calculator.

a) $8 + 3(2x - 7) = 11x$	b) $5x - \frac{4}{5} = \frac{1}{10}$
c) $8(x + 3) - 6(x + 2) = 4x + 4$	d) $\frac{4}{7}x + 2 = \frac{5}{3}$

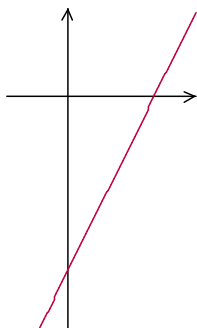
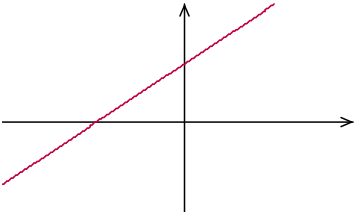
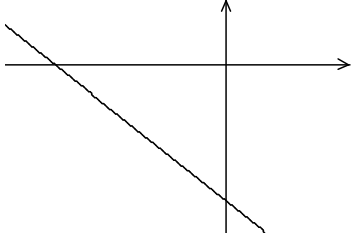
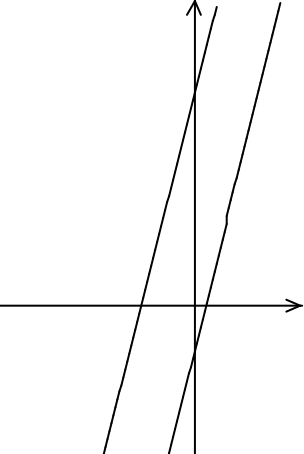
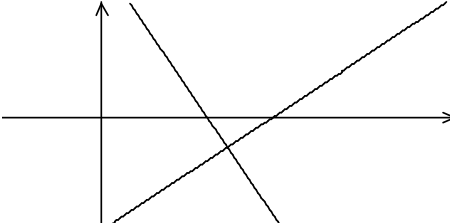
2. Graph each line using any method. State the slope of each line.

a) $y = \frac{-2}{3}x + 1$ 	b) $2x + 3y = -6$ 
c) $x - 4y = -8$ 	d) $y = -3$ 

3. Find the x & y intercepts for each.

a)  x-int: () y-int: ()	b) $y = 2x + 8$ x-int: () y-int: ()	e) $3x - 2y = 12$ x-int: () y-int: ()
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4. Find the equation of the line using the given information. Use the graph to make sure your answer is reasonable.

<p>a. $m = 2$ through $(4, -3)$</p> 	<p>b. $m = \frac{2}{3}$ through $(-6, -2)$</p> 	<p>c. $m = \text{undefined}$ through $(-4, 1)$</p>
<p>d. through $(5, -12)$ and $(-15, 4)$</p> 	<p>e. through: $(-3, 2)$ parallel to $y = 4x - 3$</p> 	<p>f. perpendicular to $y = \frac{2}{3}x - 5$ through $(4, 1)$</p> 

5. Determine if each pair of lines is *parallel*, *perpendicular* or *neither*. Get slope intercept form first!!!

<p>a) $y = 3x - 5$ $y = -3x + 2$</p>	<p>b) $y = \frac{-2}{3}x + 2$ $6x + 9y = 18$</p>	<p>c) $y = -\frac{2}{3}x + 1$ $3x - 2y = 12$</p>	<p>d) $x = 3$ $y = 2$</p>
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