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Algebra 2 : Topic 2 // **Quiz 1 Review**

*Mission Hills Math 2013*

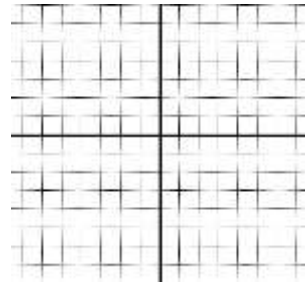
1. Find the slope of the line that passes through the points  $(-1, 3)$  and  $(2, 8)$

7. Write the equation of the line that passes through the points  $(-2, 3)$  and  $(10, 9)$

2. Find the y-intercept of the line  
 **$-2y = -3x + 32$**

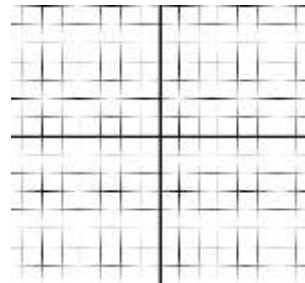
3. Write the equation of the horizontal line that passes through the point  $(-2, 7)$

8. Graph the line  **$2y = -5x + 6$**



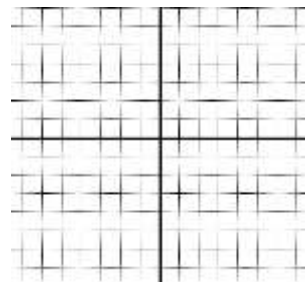
4. Find the x-intercept of the line  
 **$-3x + 2y = -15$**

9. Graph the line  **$4y - 6x = -8$**



5. Write the equation of the line that has a slope of  $-\frac{1}{3}$  and passes through the point  $(9, -3)$

10. Graph the line  **$x < -3$**



6. Write the equation of a line perpendicular to  $y = \frac{-2}{5}x - 2$  that goes through  $(-8, 3)$ .

11. Graph the line  **$y \geq -\frac{3}{2}x + 4$**

