Finding Equations of Lines and Graphing Lines   Name_____
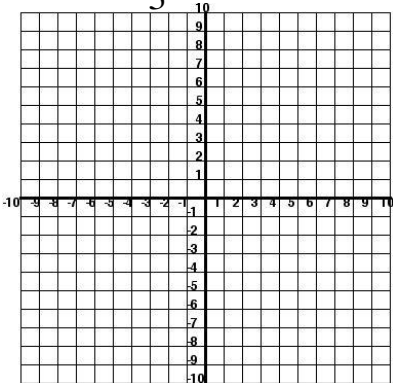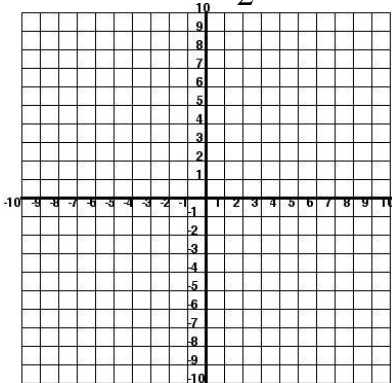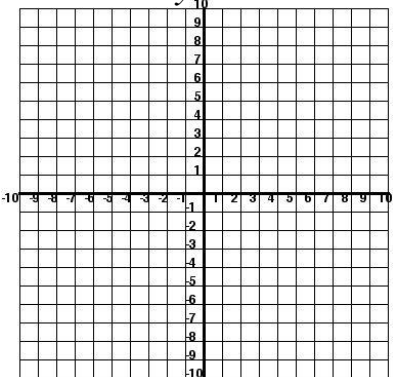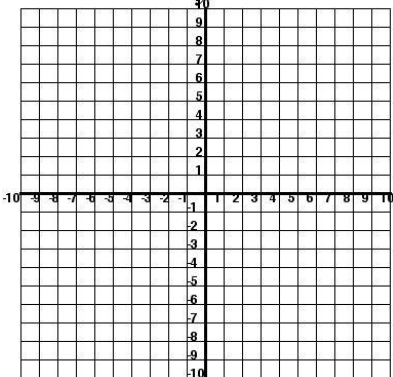
1. Find the equation of the line that passes through (2, 1) and has a slope of 3.	2. Find the equation of the line that passes through (−1, 2) and (3, 1).
3. Find the equation of the line that has x-intercept 2 and y-intercept 3.	4. Find the equation of the line that passes through (8, 2) and (8, −21).
5. Find the equation of the line that passes through (−1, 1) and (3, −5).	6. Find the equation of the line that passes through (1, −7) and (−2, 5).
7. Find the equation of the line that passes through (5, 1) and (3, 1).	8. Find the equation of the line that passes through (−1, 8) and (3, −10).

Sketch Each Graph

9. $y = 2x - 3$	10. $y = \dfrac{1}{3}x + 4$	11. $y = -\dfrac{1}{2}x - 8$
12. $5x + 3y = 21$	13. $-x + 4y + 20 = 0$	14. $4y - 7x = 8$