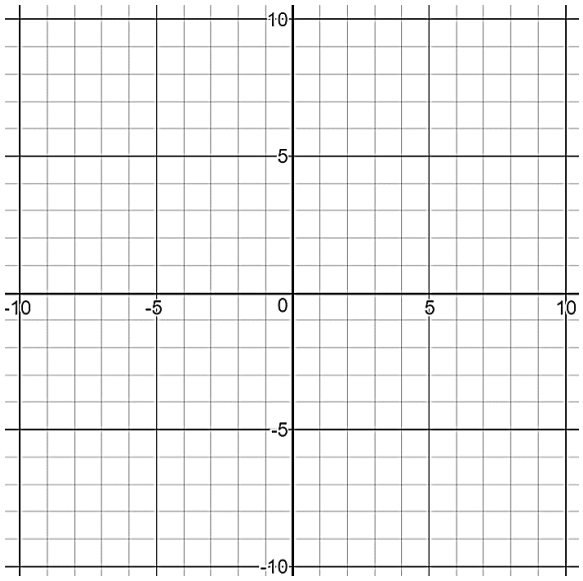
Name:_____ Finding Slope and Y-intercepts from Equations

Remember, in equations written in y-mx+b form, m is the slope and b is the y-intercept. Some equations may need to be solved for y.

1. $y = -\frac{5}{2}x - 5$ Slope:_____ Y-intercept:_____	2. $y = -4x - 1$ Slope:_____ Y-intercept:_____	3. $y = -\frac{4}{3}x - 1$ Slope:_____ Y-intercept:_____
4. $y = -x + 3$ Slope:_____ Y-intercept:_____	5. $-x - 1 = y$ Slope:_____ Y-intercept:_____	6. $2x - y = 1$ Slope:_____ Y-intercept:_____
7. $8x + 3y = -9$ Slope:_____ Y-intercept:_____	8. $x - y = -2$ Slope:_____ Y-intercept:_____	9. $3x + 2y = 6$ Slope:_____ Y-intercept:_____
10. $-1 = -2x + y$ Slope:_____ Y-intercept:_____	11. $x + 5y = -15$ Slope:_____ Y-intercept:_____	12. $x + 5 + y = 0$ Slope:_____ Y-intercept:_____
13. $x + 2y = -8$ Slope:_____ Y-intercept:_____	14. $-30 + 10y = -2x$ Slope:_____ Y-intercept:_____	15. $-2y - 10 + 2x = 0$ Slope:_____ Y-intercept:_____

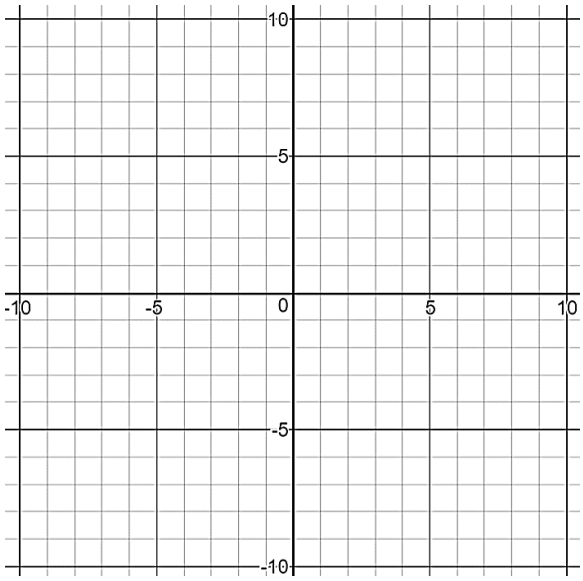
Draw a graph which represents the equation:

$$y = 5$$



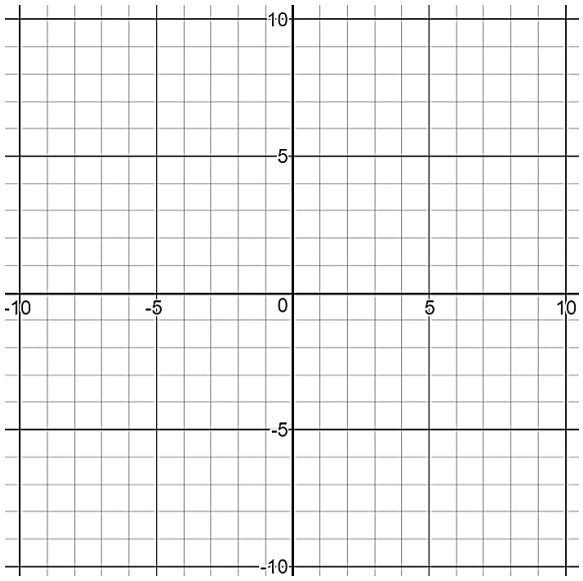
Draw a graph which represents the equation:

$$x = 1$$



Draw a graph which represents the equation:

$$y = -2$$



Draw a graph which represents the equation:

$$x = -9$$