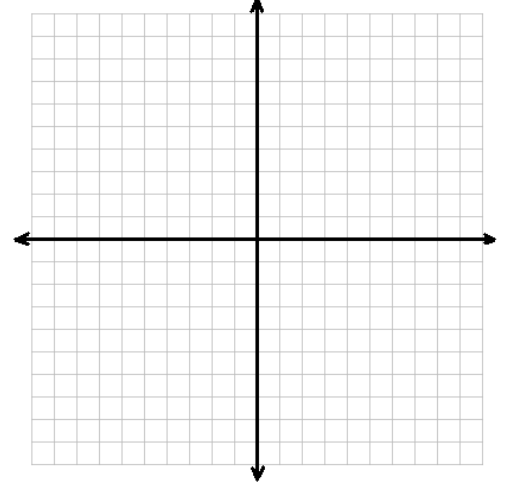


Cartesian Coordinate System

Ordered pair:

Quadrants:

Plot points: A (2, -3); B (-1, 4); C (0, -2); D (5,0); E (0, 0)



x-intercept: Where the graph crosses the _____ axis. It is found by setting _____ equal to zero.

y-intercept: Where the graph crosses the _____ axis. It is found by setting _____ equal to zero.

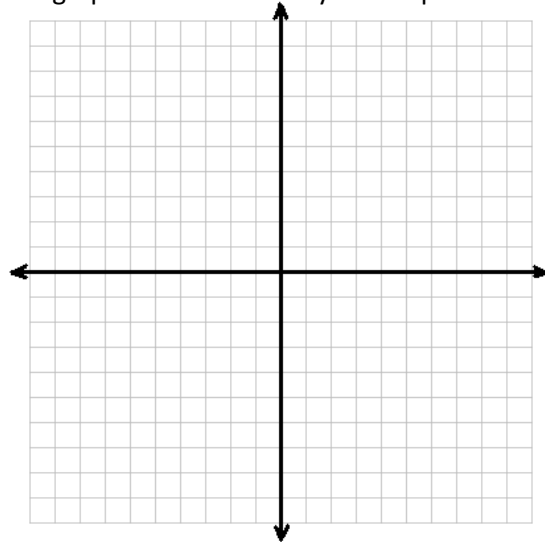
- Test Points on the line $y = 2x - 1$

1. (3,0)

2. (0,-1)

3. Fill in the t-chart for the equation $y = 2|x| - 3$ and plot on graph. Find the x and y intercepts.

x	y



x-intercept(s) _____

y-intercept(s) _____

Solving rational equations and state any restrictions.

4.
$$\frac{x+1}{4} = \frac{1}{6} + \frac{2-x}{3}$$

5.
$$\frac{2}{3} - \frac{1}{x} = \frac{5}{6}$$

6.
$$\frac{5}{x+2} + \frac{3}{x-2} = \frac{12}{x^2-4}$$

7. Evaluate $x^2 - 3x$ given $2(x-6) = 3x + 2(2x-1)$