

Chapter 2

Test Results

Line A
 $y = 2x - 1$

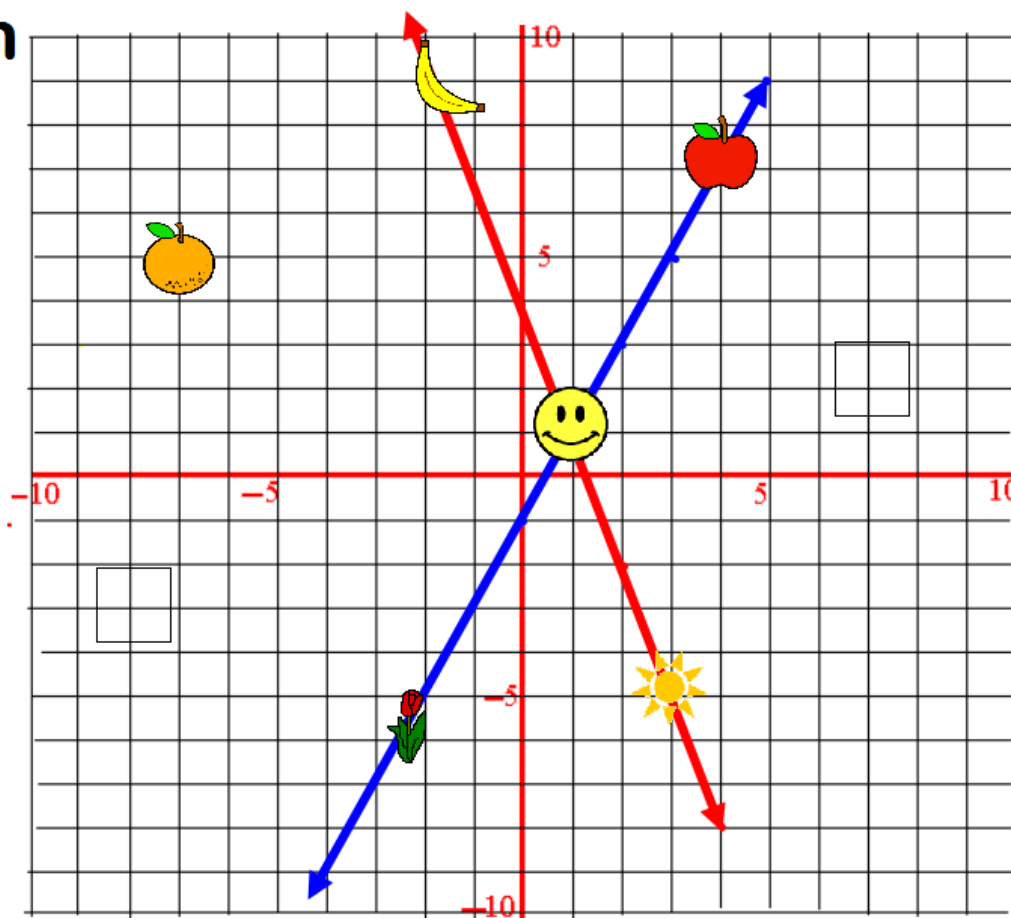
Line B
 $y = -3x + 4$

Is 🍌 a solution

to Line B ?

Is _____ a solution

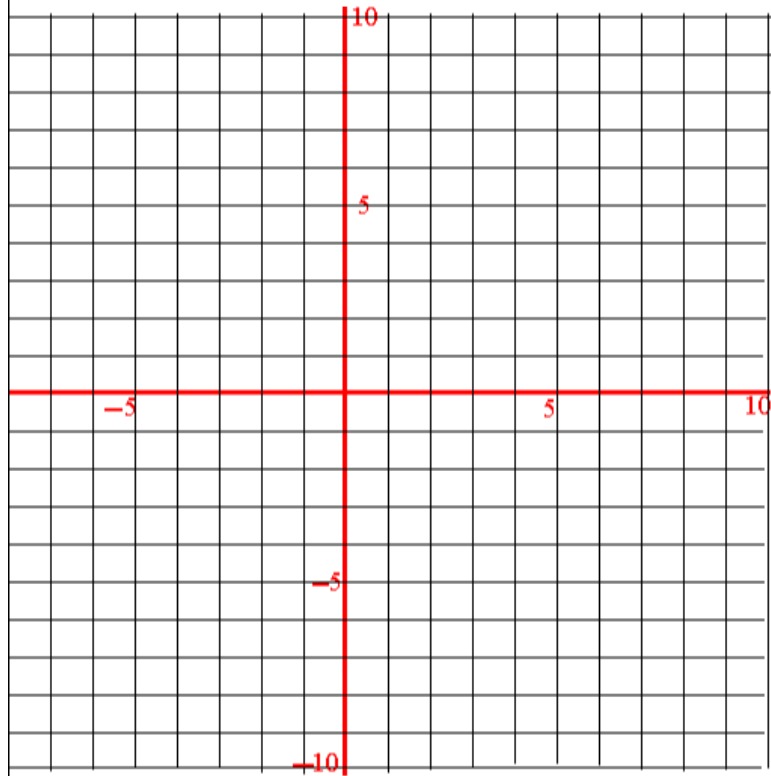
to Line _____ ?



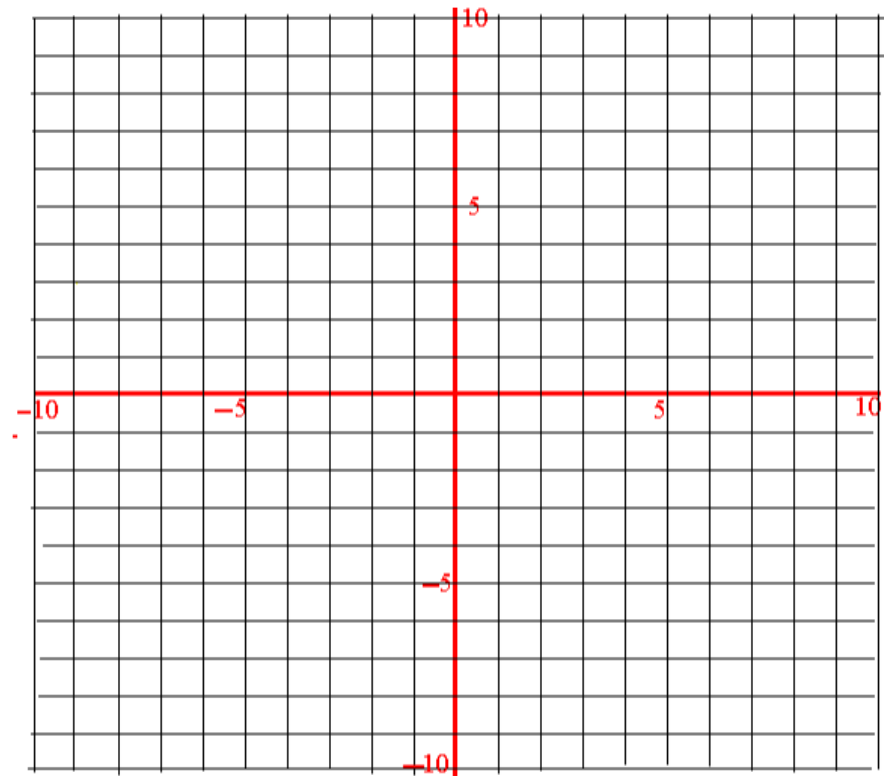
How many long sleeve shirts do you have?



$$y = -2x + 1$$



$$y = x - 5$$



How many solutions does $3x + 2y = -4$ have?

How many solutions does $x + 3y = 1$ have?

Does a system of equations always have 1 solution?

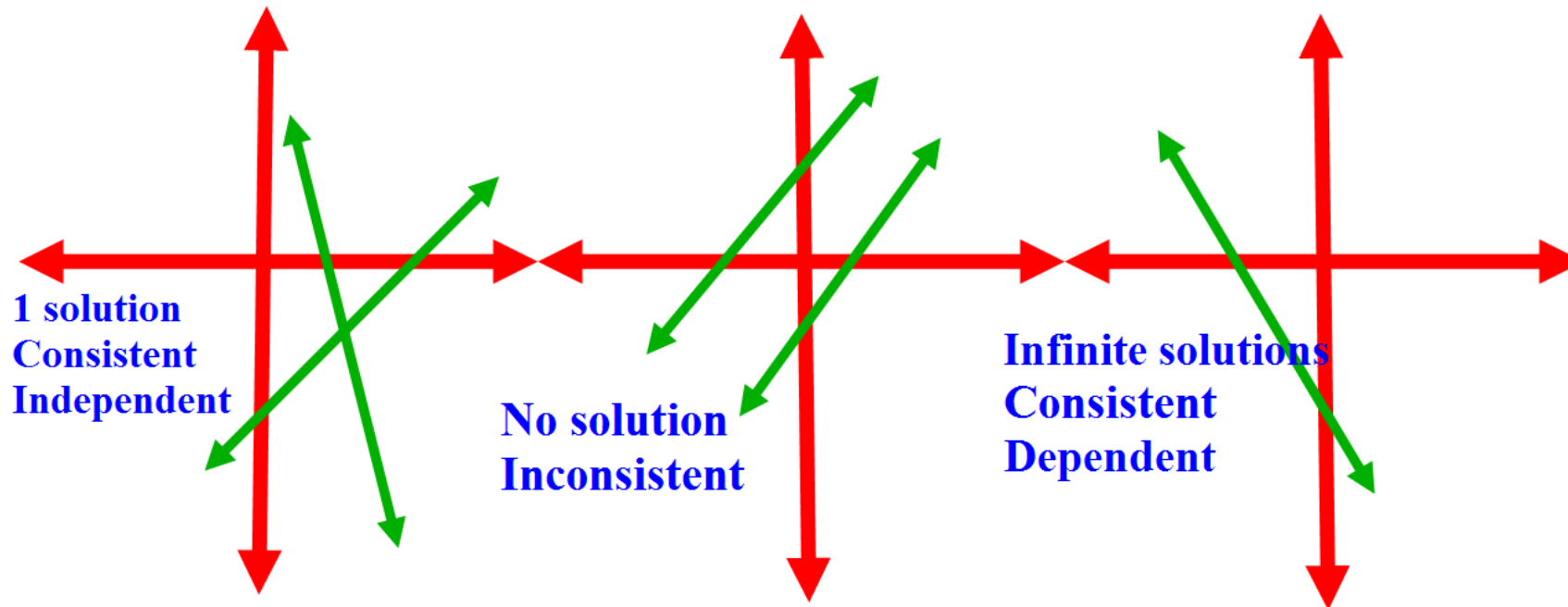
Systems of equations:

$$Ax + By = C$$

$$Dx + Ey = F$$

Solution:

An ordered pair (x,y) that is a solution in both equations

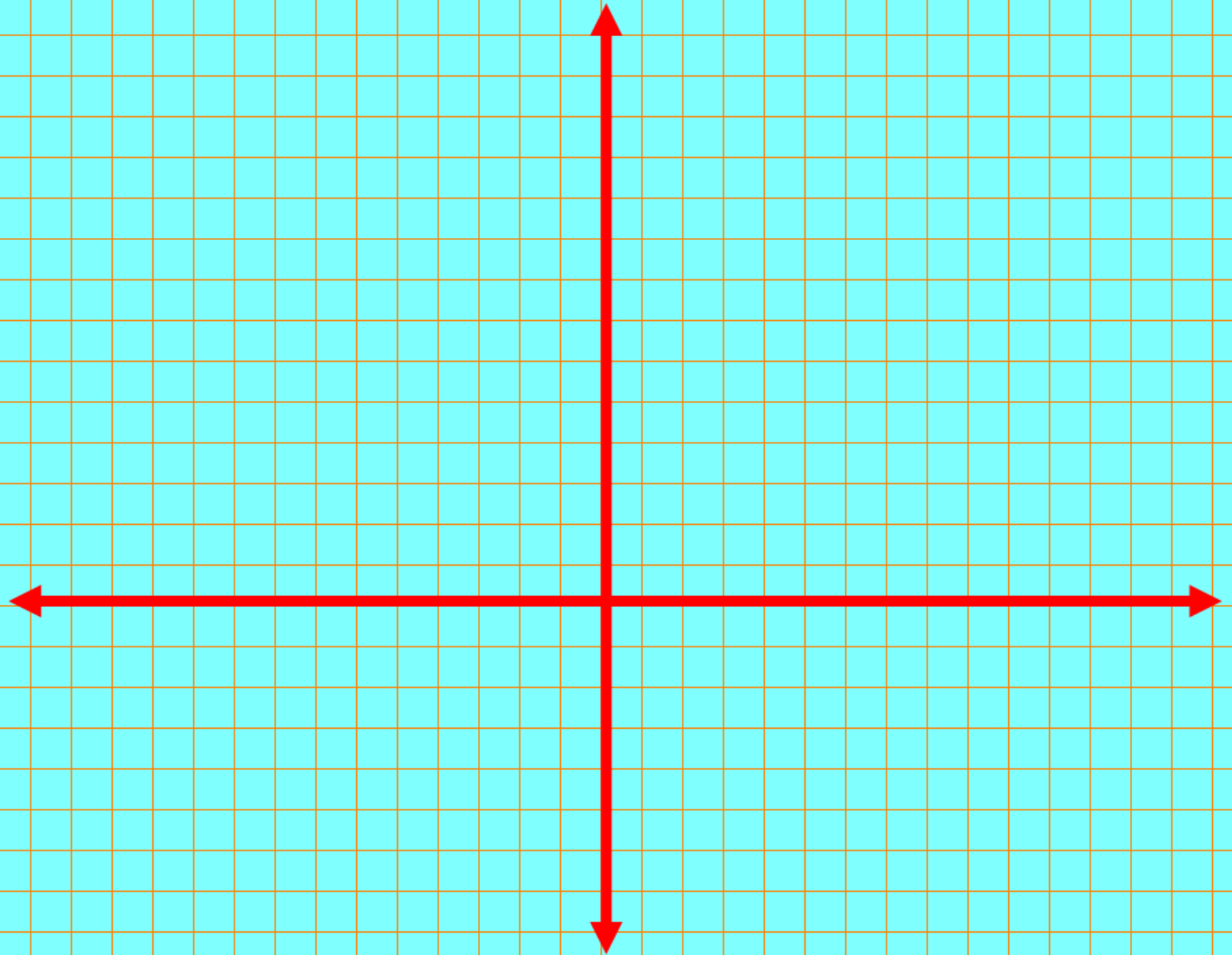


$$\begin{cases} 5x - 3y = -4 \\ x + 2y = 7 \end{cases}$$

Is (1, 3) a solution?

Find the solution. Graph. Check.

$$\begin{cases} x + y = 8 \\ -2x + y = 5 \end{cases}$$



Math Practice: Graph WS

1) $y = -3 + \frac{7}{3}x$

$$-6 = -3y + 2x$$

