

Investigating Simultaneous Equations

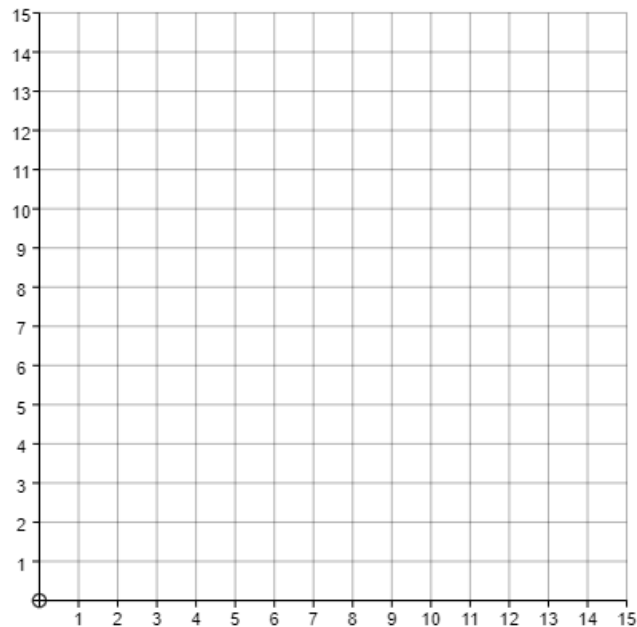
(a)

Solve the simultaneous equations

$$x + 2y = 10$$

$$2x + y = 14$$

Plot the equations of the lines $x + 2y = 10$ and $2x + y = 14$ on the same axes below. What do you notice?



(b)

Solve the simultaneous equations

$$4x + 3y = 24$$

$$x + 2y = 11$$

Plot the equations of the lines $4x + 3y = 24$ and $x + 2y = 11$ on the same axes below. What do you notice?

