

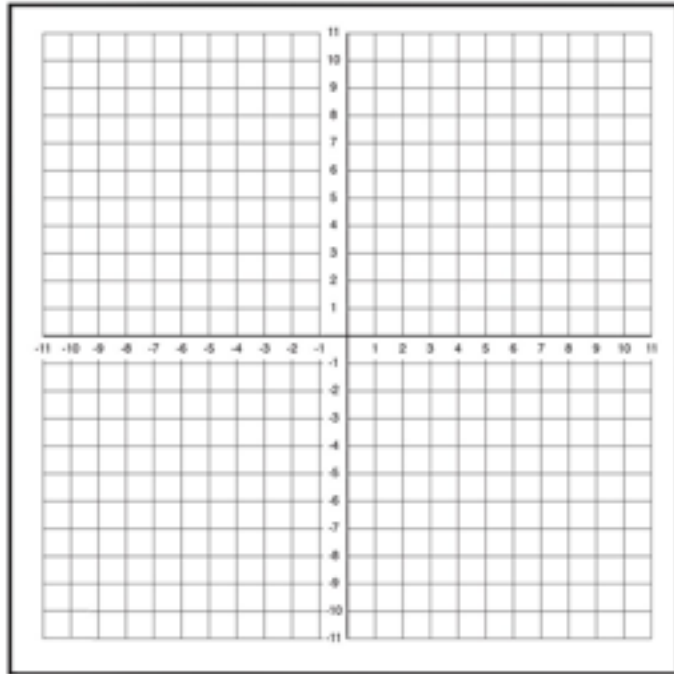
Methods to Solve Linear Systems Review

Each of the following pairs of equations forms a linear system. Think about their graphs to determine the number of solutions:

Question 1 Graphing method

$$y = 2x + 4$$

$$y = x + 4$$

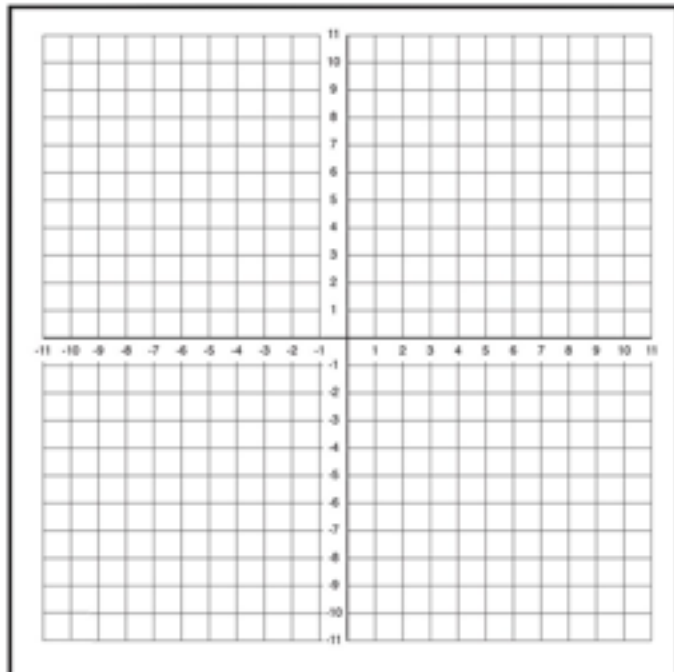


POI (,)

Question 2 Graphing method

$$y = 2x + 4$$

$$y = -x + 2$$



POI (,)

Question 1 Substitution Method

$$y = x - 1$$

$$y = 2x - 3$$

POI (,)

Question 2 Substitution Method

$$y = 5x + 5$$

$$y = -3x + 21$$

POI (,)

Question 1 Elimination Method

$$\begin{aligned}2x + y &= -4 \\x - y &= 1\end{aligned}$$

POI (,)

Question 2 Elimination Method

$$\begin{aligned}6x - 3y &= 6 \\2x + 3y &= -6\end{aligned}$$

POI (,)