

Systems of Equations: Lesson 1

Introduction and Solving by Graphing: Worksheet 1

Name: _____



Which of these points are a solution to the system?

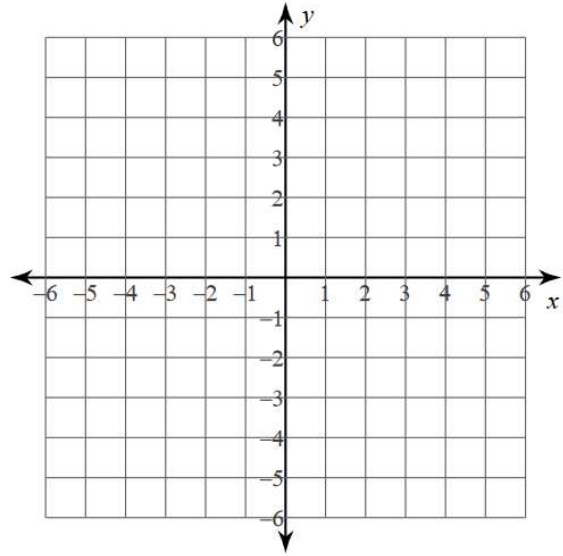
(4, -10) (5, -15) (1, 3)
$$\begin{cases} y = -4x + 5 \\ y = x - 20 \end{cases}$$

Which of these points are a solution to the system?

(4, 8) (0, -15) (-2, -10)
$$\begin{cases} y = 3x - 4 \\ y = \frac{-5}{2}x - 15 \end{cases}$$

What is the solution to the system:

$$\begin{cases} y = \frac{1}{2}x + 3 \\ y = \frac{-5}{2}x - 3 \end{cases}$$



What is the solution to the system:

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

