

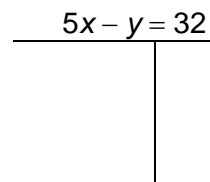
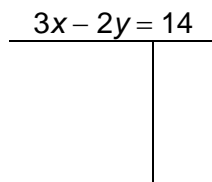
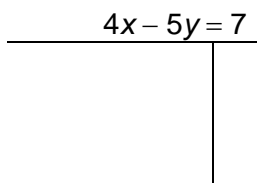
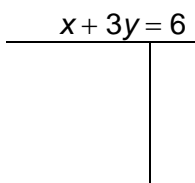
Show all steps on your own sheet of paper.

Solving Systems by Graphing

Tell whether the ordered pair is a solution of the given system.

1. $(3, 1); \begin{cases} x + 3y = 6 \\ 4x - 5y = 7 \end{cases}$ _____

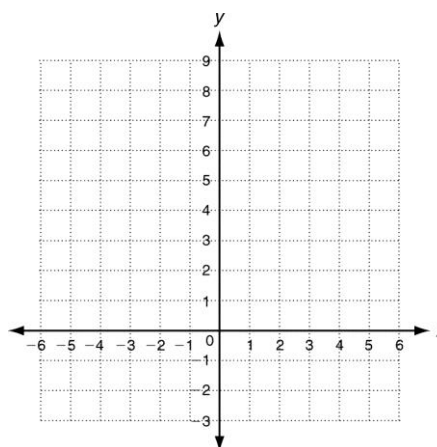
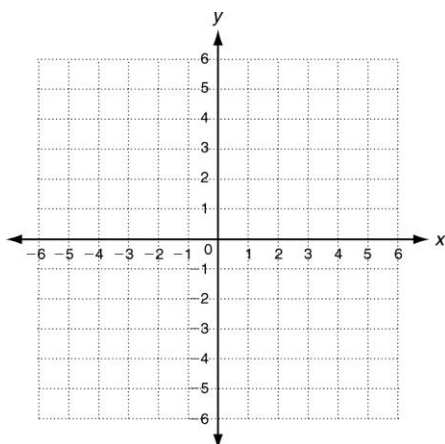
2. $(6, -2); \begin{cases} 3x - 2y = 14 \\ 5x - y = 32 \end{cases}$ _____



Solve each system by graphing. Check your answer.

3. $\begin{cases} y = x + 4 \\ y = -2x + 1 \end{cases}$ Solution: _____

4. $\begin{cases} y = x + 6 \\ y = -3x + 6 \end{cases}$ Solution: _____



5. Maryann and Carlos are each saving for new scooters. So far, Maryann has \$9 saved, and can earn \$6 per hour babysitting. Carlos has \$3 saved, and can earn \$9 per hour working at his family's restaurant. After how many hours of work will Maryann and Carlos have saved the same amount? What will that amount be?

