Name_____

Solve each system by graphing.
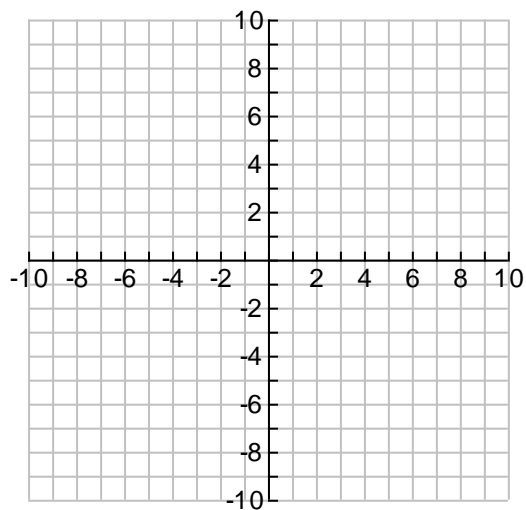
1. $x + 2y = 3$

    $3x - y = -5$
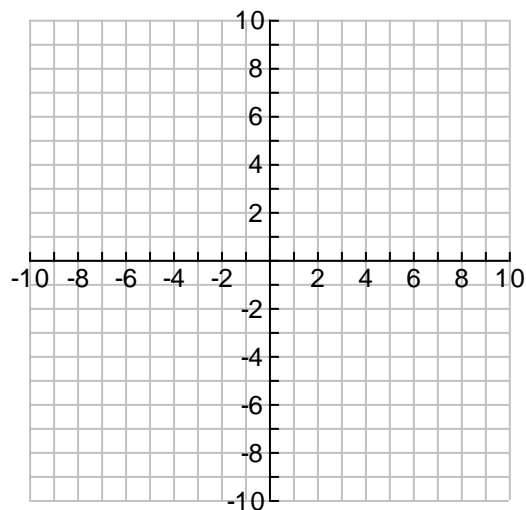
Solution_____

2. $x - y = -1$

    $x + y = 3$

Solution_____

**Solve graphically. Use a graphing calculator to find the point of intersection.
Round your answer to the nearest hundredth (2 decimal places).**

3. $2x + y = 6$ $x - y = 4$ Solution_____	**4.** $3y - 2x = 10$ $3x + 5y = 25$ Solution_____

**Indicate whether the slopes and the y intercepts are the _same or different_.
State whether the lines are _parallel, intersecting or the same_.
Write _one, none or infinite_ to describe the number of solutions.**

5. $y = 2x + 3$ $3y = 6x - 6$ Slopes_____ y – intercepts_____ Lines_____ # of Solutions_____	**6.** $y = x - 2$ $x - y = -2$ Slopes_____ y – intercepts_____ Lines_____ # of Solutions_____

Solve, using Addition.

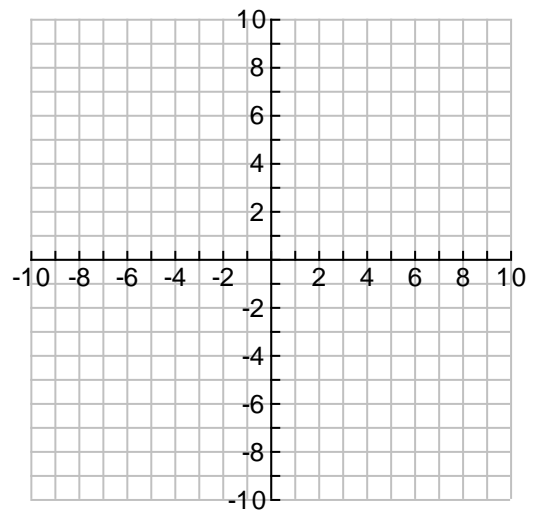|	
7. $$7x + 2y = 2$$ $$7x - 2y = -30$$ Solution_____	8. $$2x + 3y = 14$$ $$3x - 4y = 4$$ Solution_____

Solve graphically and using addition.

9.

$$x + 2y = 3$$
$$3x - y = -5$$

Solution_____