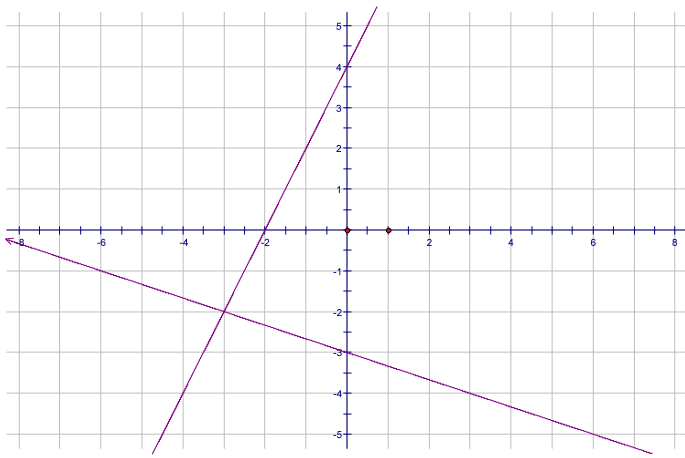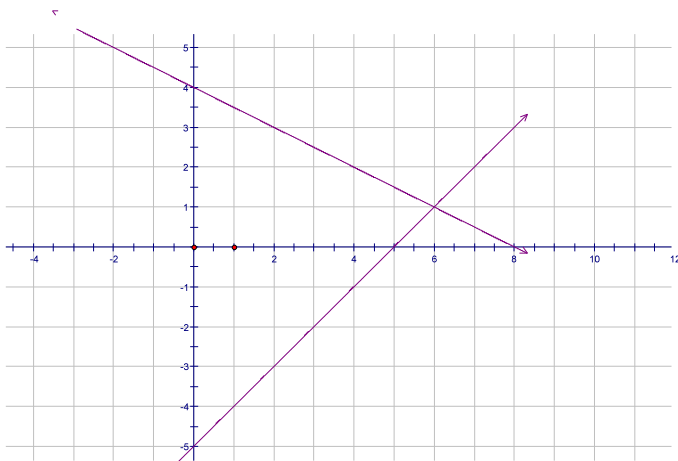1) What is the graph of an equation?
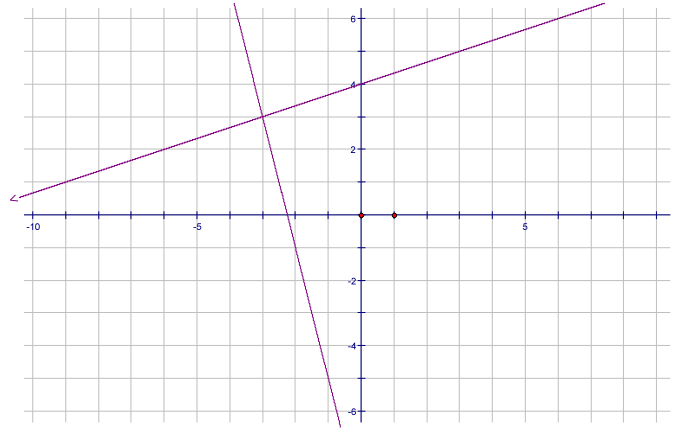
2) What is a solution of a system of equations?

3) Find the solution to the system of equations graphed below. Explain your answer.

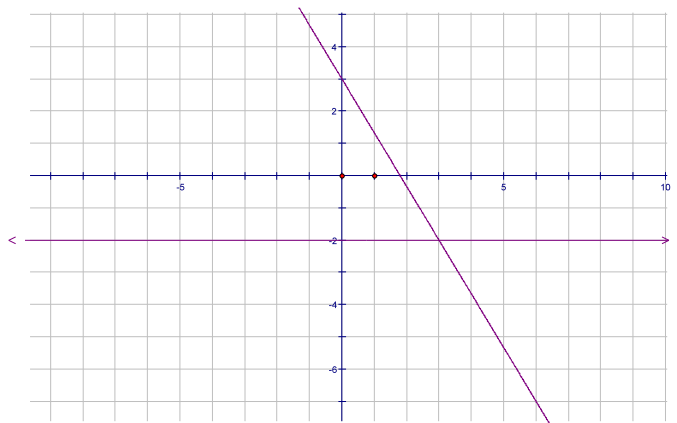4) Find the solution to the system of equations graphed below. Explain your answer.

5) Find the solution to the system of equations graphed below. Check your answer.

Equ. 1: $4x + y = -9$
Equ. 2: $-x + 3y = 12$

6) Find the solutions to the system of equations graphed below. Check your answer.

Solve the following systems of equations by substitution.

7) $3j + 7k = -1$
        $j - 4k = -13$

8) $4f + 10g = -6$
        $-7f - 5g = -27$

9) $2x + y = 8$
        $-12x - 6y = 24$

Solve the following systems of equations by elimination.

10) $-15x + 12y = 6$
        $5x - 4y = -2$

11) $4v + 3w = 5$
        $-2v - 3w = -13$

12) $-9c + 14d = 4$
        $6c - 11d = -1$