Review: Unit 6 Systems of Equations Algebra 1 Kitt

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_\_

**Directions**: Graph each system of equation. State whether it is one solution, no solution, or infinite solution. If the system has a solution, name it.

1.  2.  3. 

**Directions:** Graph each system of inequalities.

1. $y>3x+2$ 5. $y\geq 5x-2$

$y<\frac{-1}{2}x+1$ $y\leq -2x-3$

1. What are the three types of solutions for solving systems of equations?

 **1)**

 **2)**

 **3)**

**Directions**: Select the best response for the following questions.

1. A system of equations that has parallel lines is said to have what type of solution?
2. One b. No solution c. infinite solution
3. A system of equations that is one line is said to have what type of solution?

a. One b. No solution c. infinite solution

**Directions**: Use elimination to solve the system of equations.

9.  10.  11. 

**Directions**: Use Substitution to solve the system of equations

1. $\begin{matrix}x+y=7\\y=x-3\end{matrix}$ 13. $\begin{matrix}y=3x+9\\x+2y=2\end{matrix}$