

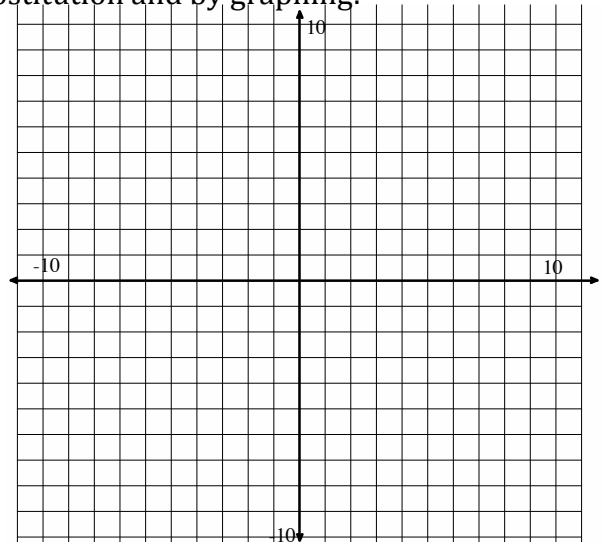
Mod 1 Assessment Review

Name _____

Period _____

1. What strategies have we developed to solve systems of equations?
2. What strategies have we developed to solve systems of inequalities?
3. What does the solution set to a system of an equations look like?
4. What does the solution set to a system of inequalities look like?
5. How many solutions are there to a system of equations? Give a graphical example of each possibility.
6. How many solutions are there to a system of inequalities? Give a graphical example.
7. Solve the following system of equations using substitution and by graphing:

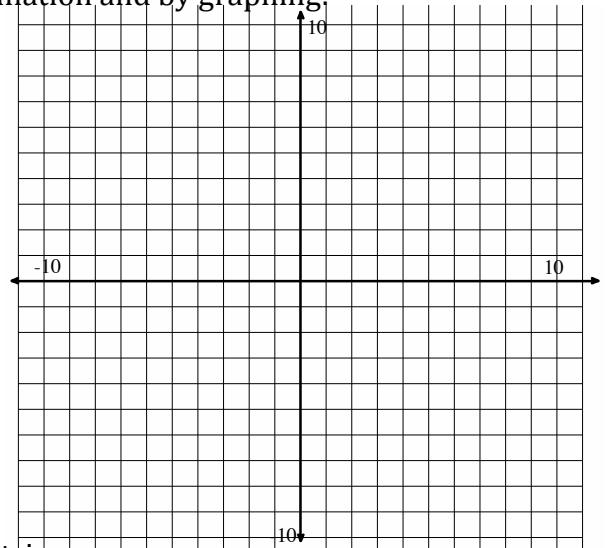
$$\begin{cases} x + y = 16 \\ x - y = 9 \end{cases}$$



Mod 1 Assessment Review

8. Solve the following system of equations using elimination and by graphing:

$$\begin{cases} 3x + 5y = 7 \\ 2x - 3y = 11 \end{cases}$$



9. Solve the following system of equations using a matrix:

$$\begin{cases} 2x + 6y = 18 \\ 3x + 2y = 13 \end{cases}$$

10. Solve the following system of inequalities:

$$\begin{cases} y < 3x - 1 \\ y \geq -2x + 4 \end{cases}$$

