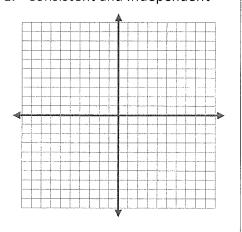
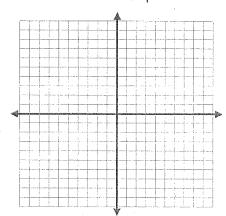
Sketch the type of system described. Give the solution of the system. Decribe the two lines.

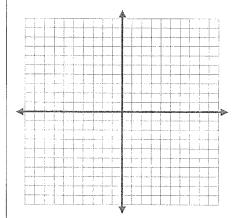
1. Consistent and Independent



2. Consistent and Dependent



3. Inconsistent



Solution:

Solution:

Solution:

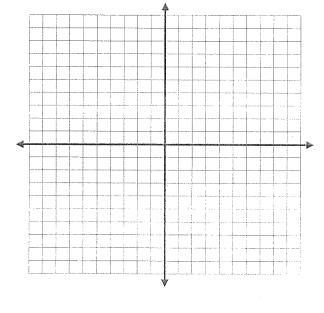
Desribe the two lines:

Desribe the two lines:

Desribe the two lines:

Solve the system of linear equations by graphing. Check your answer and state the type of system.

4. $\begin{cases} 2y = 4x - 2 \\ y = -\frac{1}{2}x + 4 \end{cases}$



Type:

<u>Check:</u>

Solve the system of linear equations by substitution. Check your answer and state the type of system.

5.	$\int y = 2x - 5$
٦,	-3x + 4y = -15

Type:

Check:

Solve the system of linear equations by elimination. Check your answer and state the type of system.

$$6. \begin{cases} 3x - 2y = -16 \\ 6x - 5y = -37 \end{cases}$$

Type:

Check:

7. The difference of two numbers is 3. The sum of the first number and two times the second number is 24. Find the numbers.

- 8. Jenny and Lucy are doing a yard sale. They are selling dresses and hats. Dresses are selling for one dollar more than twice the price of hats. At their yard sale they sold 15 dresses and 10 hats for \$95. Find the price of a dress and the price of a hat at their yard sale.
 - a) Identify your variables.
 - b) Write the system of equations that can be used to represent this situation.



c) Find the price of a dress and the price of a hat at their yard sale.