

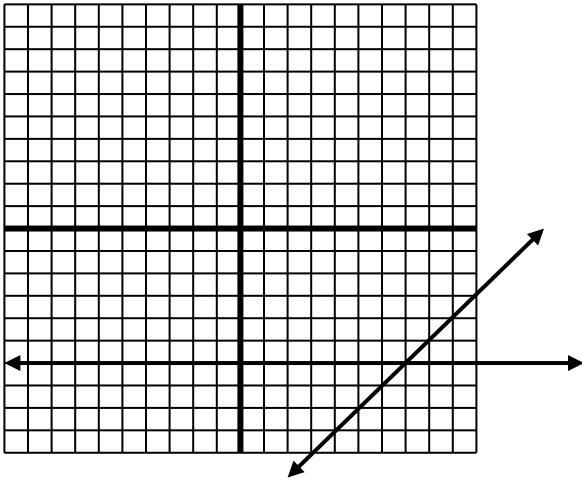
UNIT 5 TEST 1 - STUDY GUIDE

Name: _____

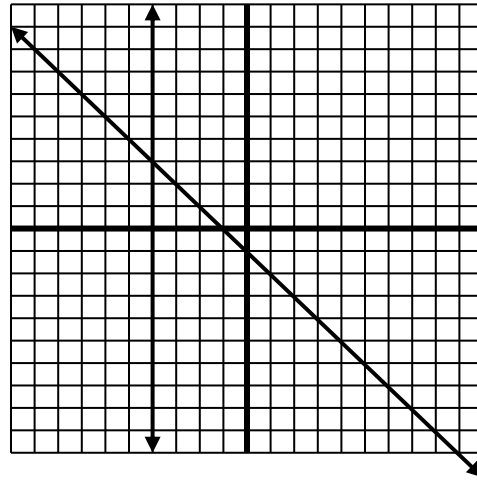
1) Tell whether the ordered pair $(-2, 3)$ is a solution to the system $\begin{cases} x - y = 2 \\ 3y = x + 3 \end{cases}$

#2-3) What is the solution to the system of equations given the graphs below?

2) _____

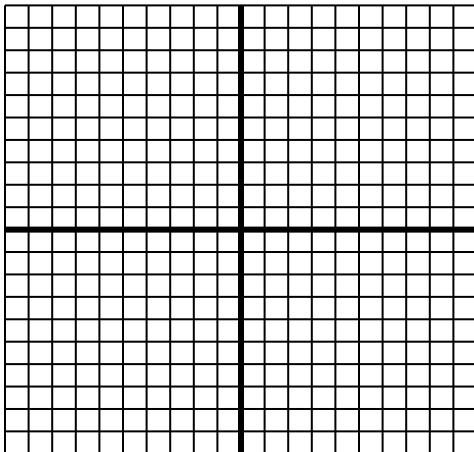


3) _____



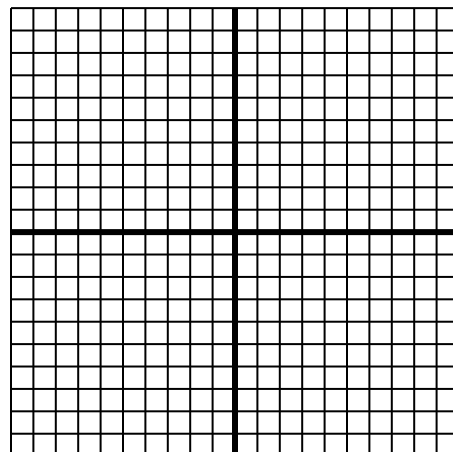
Solve each system of equations using the **GRAPHING METHOD**.

4) $y = 2x - 1$
 $x = 2$



Solution: _____

5) $y - x = 4$
 $y = -x + 2$



Solution: _____

Solve each system of equations using the **SUBSTITUTION METHOD**.

$$\begin{aligned} 6) \quad y &= x + 1 \\ y &= 2x - 1 \end{aligned}$$

$$\begin{aligned} 7) \quad y &= x - 2 \\ 2x + 2y &= 4 \end{aligned}$$

Solve each system of equations using the **ELMINATION METHOD**

$$\begin{aligned} 8) \quad 2x + 5y &= 17 \\ 6x - 5y &= -9 \end{aligned}$$

$$\begin{aligned} 9) \quad 3x - 2y &= 10 \\ 2x + 3y &= -2 \end{aligned}$$