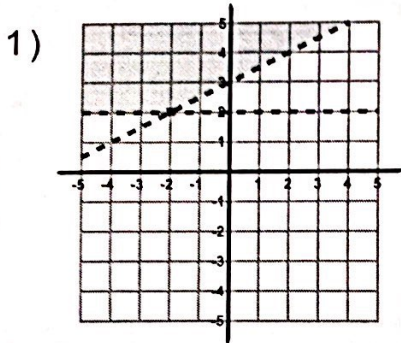


Name : Key
 Teacher : _____

Score : _____
 Date : _____

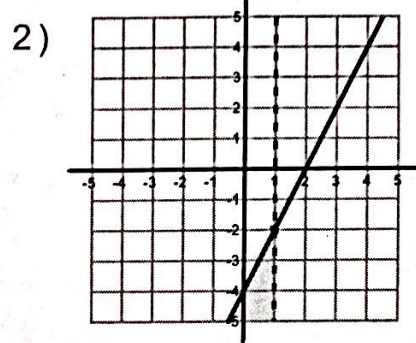
Solve each system by graphing.



$-x + 2y > 6$

$y > 2$

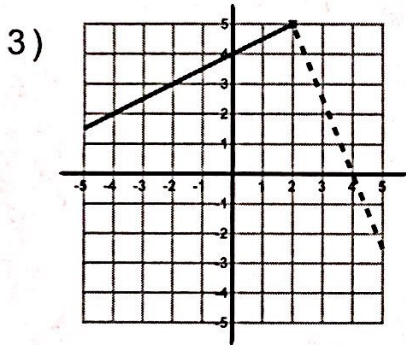
(-2,2)



$-2x + y \leq -4$

$x < 1$

(1,-2)

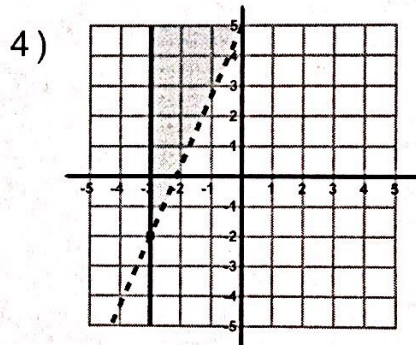


$y > -\frac{5}{2}x + 10$

$y \geq \frac{1}{2}x + 4$

slip

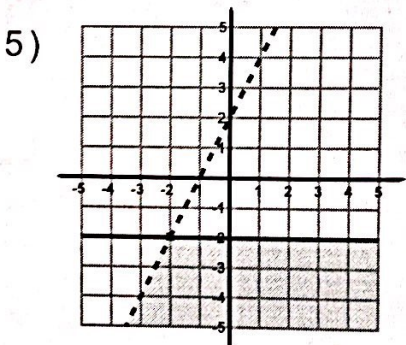
(2,5)



$y > \frac{7}{3}x + 5$

$x \geq -3$

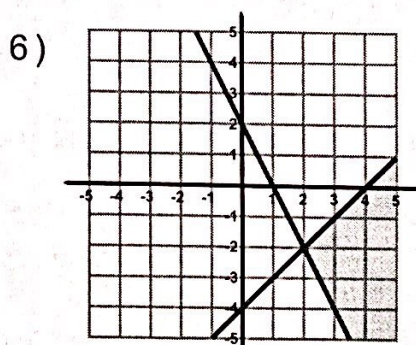
(-3,-2)



$y < 2x + 2$

$y \leq -2$

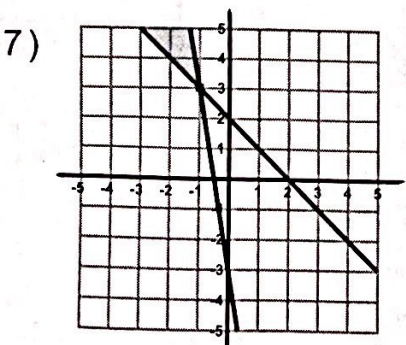
(-2,-2)



$2x + y \geq 2$

$-x + y \leq -4$

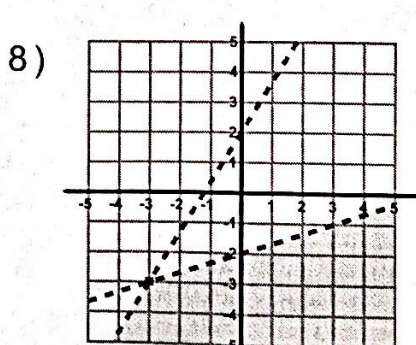
(2,-2)



$y \leq -6x - 3$

$y \geq -x + 2$

(-1,3)



$-x + 3y < -6$

$-5x + 3y < 6$

(-3,-3)



Solve.

$$\textcircled{1} x - y - z = 0$$

$$\textcircled{2} x - 2y - 2z = 3$$

$$\textcircled{3} -2x + 2y - z = 3$$

$$\textcircled{1} x - y - z = 0$$

$$\textcircled{2} -x + 2y + 2z = -3$$

$$\textcircled{12} 2(y + z) = (-3)2$$

$$y - 1 = -3$$
$$y = -2$$

$$x - (-2) - (-1) = 0$$

$$x + 2 + 1 = 0$$

$$x + 3 = 0$$

$$x = -3$$

$$\textcircled{2} 2x - 4y - 4z = 6$$

$$\textcircled{3} -2x + 2y - z = 3$$

$$\textcircled{23} -2y - 5z = 9$$

$$2y + 2z = -6$$

$$-3z = 3$$

$$z = -1$$

$$(-3, -2, -1)$$

$$\textcircled{1} 3x + y + z = 6$$

$$\textcircled{2} 3x - 2y + 2z = 14$$

$$\textcircled{3} 3x + 3y - 3z = -6$$

$$\textcircled{1} 3x + y + z = 6$$

$$\textcircled{2} -3x + 2y - 2z = -14$$

$$\textcircled{2} -3x + 2y - 2z = -14$$

$$\textcircled{3} 3x + 3y - 3z = -6$$

$$\textcircled{12} 3y - z = -8$$

$$\textcircled{23} 5y - 5z = -20$$

$$-15y + 5z = 40$$

$$3(-2) - z = -8$$

$$-6 - z = -8$$

$$-z = -2$$

$$z = 2$$

$$-10y = 20$$

$$y = -2$$

$$3x + 2 - 2 = 6$$

$$(2, -2, 2)$$

$$3x = 6$$

$$x = 2$$