

Mr. Lewis

Name: _____

Algebra Practice Problems 01272020 - ANSWERS

Date: _____

1) $y - x = 0$
 $y = -4x + 10$ **answer:** $x = 2, y = 2$

2) $x = -5y + 41$
 $3x + 4y = 46$ **answer:** $x = 6, y = 7$

3) $y = 2x + 1$
 $5x = -13 - y$ **answer:** $x = -2, y = -3$

4) $-y - x = -10$
 $y = 3x - 10$ **answer:** $x = 5, y = 5$

5) $-4y + 2x = -20$
 $y = 5x - 22$ **answer:** $x = 6, y = 8$

6) $4y + 2x = -34$
 $y = 2x - 11$ **answer:** $x = 1, y = -9$

7) $x = 5y - 3$
 $x + 3y = 13$ **answer:** $x = 7, y = 2$

8) $-5y + 2x = -14$
 $y = -2x + 22$ **answer:** $x = 8, y = 6$

9) $2x = -y + 4$
 $x = -4y - 19$ **answer:** $x = 5, y = -6$

10) $y = -5x + 54$
 $y + x = 14$ **answer:** $x = 10, y = 4$