

Mr. Lewis

Name: _____

Algebra Practice Problems 02072020 - ANSWERS

Date: _____

1) $3y - 5x = -18$
 $y = -5x + 54$ **answer:** $x = 9, y = 9$

2) $-2x = 2y + 6$
 $x = 4y + 12$ **answer:** $x = 0, y = -3$

3) $y = -3x + 25$
 $y - 3x = -35$ **answer:** $x = 10, y = -5$

4) $y = 2x + 14$
 $x = -1 - y$ **answer:** $x = -5, y = 4$

5) $y = -2x + 15$
 $y + x = 10$ **answer:** $x = 5, y = 5$

6) $x = -y + 3$
 $x = -2y - 2$ **answer:** $x = 8, y = -5$

7) $2x = -5y - 52$
 $x = -4y - 41$ **answer:** $x = -1, y = -10$

8) $x = -y - 1$
 $-5x + y = -31$ **answer:** $x = 5, y = -6$

9) $y = -3x + 19$
 $2y + 5x = 35$ **answer:** $x = 3, y = 10$

10) $y + 3x = 35$
 $y = 2x - 10$ **answer:** $x = 9, y = 8$