

Solve by Substitution

Date _____ Period _____

Solve each system by substitution.

1) $y = 2x - 2$
 $y = -4x + 22$

 $(4, 6)$

2) $y = -4x - 11$
 $y = -6x - 15$

 $(-2, -3)$

3) $y = x - 5$
 $y = -7x - 13$

 $(-1, -6)$

4) $y = 3x + 16$
 $y = -5x - 16$

 $(-4, 4)$

5) $y = 8x + 11$
 $y = -5x - 15$

 $(-2, -5)$

6) $y = -3x + 8$
 $y = -4x + 13$

 $(5, -7)$

7) $y = -2x - 2$
 $y = -3x + 1$

 $(3, -8)$

8) $y = -4x - 3$
 $y = 6x + 7$

 $(-1, 1)$

9) $y = 3x + 11$
 $y = 4x + 16$

 $(-5, -4)$

10) $y = -8x + 18$
 $y = 2x - 2$

 $(2, 2)$