

Lesson 3 Assignment Systems of Equations by Substitution

Period _____

Solve each system by substitution.

1) $y = 5x + 1$
 $y = 2x + 4$

2) $y = -6x + 7$
 $y = 8x + 7$

3) $y = -8$
 $5x + 3y = 6$

4) $y = -5x + 17$
 $4x + 5y = 22$

5) $-5x + 4y = -19$
 $y = x - 3$

6) $y = 6$
 $3x - 5y = -18$

7) $-7x + y = -4$
 $5x - 2y = 8$

8) $x + y = -12$
 $-2x - y = 17$

9) $-2x + 4y = -22$
 $-x - 5y = 10$

10) $6x - y = -3$
 $-2x - 6y = -18$

Answers to Lesson 3 Assignment Systems of Equations by Substitution (ID: 1)

1) (1, 6)

2) (0, 7)

3) (6, -8)

4) (3, 2)

5) (7, 4)

6) (4, 6)

7) (0, -4)

8) (-5, -7)

9) (5, -3)

10) (0, 3)