

14-05-30-T7

Solve each system by substitution.

1) $-6x - 6y = -12$
 $y = 3x - 6$

2) $y = 8x - 19$
 $2x - 3y = -9$

3) $y = 3x + 7$
 $8x - 7y = -23$

4) $4x + 8y = 8$
 $y = -6x - 21$

5) $-6x + 6y = 12$
 $y = 3x - 10$

6) $-3x - 3y = 6$
 $y = -4x - 2$

7) $y = 3x + 7$
 $-2x + 7y = -8$

8) $y = -2x + 3$
 $-7x - 4y = -10$

Answers to 14-05-30-T7

1) (2, 0)

2) (3, 5)

3) (-2, 1)

4) (-4, 3)

5) (6, 8)

6) (0, -2)

7) (-3, -2)

8) (2, -1)