

Worksheet 17B

Solve the following systems of equations using the substitution method.

1) $3x - 2y = 10$
 $y = 4$

2) $-3x + 4y = 6$
 $y = \frac{5}{4}x - 3$

3) $-2x + 3y = -6$
 $y = \frac{2}{3}x + 3$

4) $5x - 3y = 0$
 $y = 4x - 7$

5) $-2x - 5y = 6$
 $x = -2y + 7$

6) $4x - 7y = -6$
 $2x = 4y - 5$

7) $-3x + 6y = 10$
 $x - 5y = 6$

8) $-3x + 7y = -2$
 $5x - 3y = 10$