

Solve each of the following systems by substitution.

1. $y = 2x - 8$
 $2x - 3y = 12$

2. $4y - 2x = 6$
 $2x = -7 + x$

3. $3x + 2y = 8$
 $\frac{3}{4}x = 2 - \frac{1}{2}y$

4. $2x - 3y = -12$
 $5x - 2y = 12$