

Solving a System of Equations by Substitution

Set 3-2a

Solve by substitution.

1) $y = x + 2$ and $y = -x$ 2) $y = 3x$ and $x + y = 4$

3) $y - x = 1$ and $-x - 3y = 5$ 4) $-3x = y$ and $3x - y = 6$

5) $\frac{1}{2}x + y = 4$ and $2x = -y$