

Systems of Equations – Solve by Substitution

Name _____

Solve the following systems of equations by substitution. Write your answer as an ordered pair (x, y).

1) $y = 3x + 2$

2) $2x = y + 4$

3) $4y - 2x = 12$

$6x + 2y = 8$

$4x + 2y = 6$

$5x - 3y = 14$

Solution _____

Solution _____

Solution _____

4) $3x + 2y = 4$

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

6) $\frac{1}{2}y + \frac{2}{3}x = 4$

$6x = -4y + 8$

$5y + 3x = 1$

$x + 2y = 10$

Solution _____

Solution _____

Solution _____