

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) $y = x + 2$

$y = 4x + 8$

2) $x = 3y - 2$

$3x + 2y = 16$

3) $-3x + y = 2$

$x - 2y = -9$

Solution _____

4) $3x + 2y = 4$

$4x + 2y = 6$

Solution _____

5) $3x + 5y = 19$

$2x + 3y = 12$

Solution _____

6) $-5x + 3x = -9$

$3x + 6y = 8$

Solution _____

Solution _____

Solution _____