

Systems of Equations – Solve by Substitution

Name _____

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

1) $y = 3x + 2$

$y = -x + 6$

2) $x = y + 4$

$2x + 3y = -2$

3) $4x + y = 2$

$x + 3y = 17$

Solution _____

4) $x + 2y = 4$

$5x + y = 11$

Solution _____

5) $-2x + 4y = 8$

$2x + 3y = -1$

Solution _____

6) $y + 2x = 3$

$x + 2y = -3$

Solution _____

7) $3x + 4y = 0$

$x - 3y = 13$

Solution _____

8) $3x - y = 3$

$2x + 6y = 42$

Solution _____

9) $2x + 2y = 10$

$3x - 2y = 10$

Solution _____

Solution _____

Solution _____