

Name _____

Hour _____

Solving Systems of Equations**For each system, choose substitution or elimination in order to solve for x and y.**

1. $10x - 20y = 0$
 $x + 5y = -28$

5. $10x + y = -85$
 $0.1x + 2.5y = 11.6$

2. $3.5x + 0.5y = 14$
 $y - x = 4$

6. $2x + 7y = -13$
 $-3x + 14y = -5$

3. $5x + y = 41$
 $3x - y = 23$

7. $3x + 9y = 27$
 $14x - 6y = 18$

4. $3x + 2y = -9$
 $2x + 3y = 4$

8. $6x - 11y = -93$
 $15x + 13y = 132$

Answer Key

1. $(-8, -4)$
2. $(3, 7)$
3. $(8, 1)$
4. $(-7, 6)$
5. $(-9, 5)$
6. $(-3, -1)$
7. $(0, 3)$
8. $(1, 9)$