

Solve each system by elimination.

1) $2x - 9y = -28$
 $9x + 9y = -27$

2) $-2x + 8y = -8$
 $x - 8y = 0$

3) $x + 4y = 14$
 $-x - 3y = -11$

4) $-6x - y = 8$
 $-8x + y = -8$

5) $9x + 9y = 18$
 $-9x + 10y = 20$

6) $-6x + 6y = -12$
 $-7x + 6y = -22$

7) $-2x - 4y = -20$
 $-5x - 4y = 10$

8) $-4x + 10y = -16$
 $-4x + 4y = -28$

9) $-7x + 5y = 27$
 $9x + 5y = 11$

10) $-3x + y = 2$
 $-6x + y = 5$

11) Problems 1-5 are set up for addition. #'s 6-10 are set up for subtraction.

Solve each system by elimination.

1) $2x - 9y = -28$
 $9x + 9y = -27$

 $(-5, 2)$

3) $x + 4y = 14$
 $-x - 3y = -11$

 $(2, 3)$

5) $9x + 9y = 18$
 $-9x + 10y = 20$

 $(0, 2)$

7) $-2x - 4y = -20$
 $-5x - 4y = 10$

 $(-10, 10)$

9) $-7x + 5y = 27$
 $9x + 5y = 11$

 $(-1, 4)$

2) $-2x + 8y = -8$
 $x - 8y = 0$

 $(8, 1)$

4) $-6x - y = 8$
 $-8x + y = -8$

 $(0, -8)$

6) $-6x + 6y = -12$
 $-7x + 6y = -22$

 $(10, 8)$

8) $-4x + 10y = -16$
 $-4x + 4y = -28$

 $(9, 2)$

10) $-3x + y = 2$
 $-6x + y = 5$

 $(-1, -1)$

11) Problems 1-5 are set up for addition. #'s 6-10 are set up for subtraction.

If you multiply one equation by -1, you can then add the equations.