

# Elimination Method

Solve the system of equations using the elimination method

1.  $x + y = 15$   
 $x - y = 17$

2.  $x - 2y = 8$   
 $-x + 5y = -5$

3.  $3x + y = 16$   
 $-3x + 4y = 19$

4.  $x + 3y = 16$   
 $-3x + 4y = 19$

5.  $x + 2y = -3$   
 $x - 4y = 15$

6.  $-2x + y = 3$   
 $-5x - y = 11$

Solve the system of equations using the elimination method

1.  $x + y = 15$

$2x + y = 17$

2.  $x - 2y = 8$

$x - 5y = 5$

3.  $3x + y = 16$

$3x - 4y = -19$

4.  $2x + 3y = -7$

$2x - 5y = 9$

5.  $x + 3y = -3$

$2x + 3y = 15$

6.  $-2x + y = 3$

$-5x + y = 9$

Solve the system of equations using the elimination method

1.  $x + y = 5$

$x - y = 7$

2.  $x - 2y = 8$

$-x + 3y = -5$

3.  $x + 3y = -3$

$x - 4y = 11$

4.  $x + 3y = 10$

$-2x + 3y = 16$

Solve the system of equations using the elimination method

1.  $2x - y = 1$

$$2x + 5y = -5$$

2.  $2x + 5y = -22$

$$4x - 3y = 8$$

3.  $9x - 4y = -18$

$$-3x + 8y = 6$$

4.  $4x - 5y = -18$

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

5.  $-5x + 3y = 15$

$$6x - 2y = -18$$

6.  $5x - 4y = 30$

$$2x + 3y = -12$$

Solve the system of equations using the elimination method

1.  $x + 3y = -3$   
 $x - 4y = 11$

2.  $-2x + 3y = 14$   
 $x - 4y = -12$

3.  $5x + 2y = 5$   
 $3x + y = 2$

4.  $6x - 7y = 9$   
 $7x + 6y = -32$

5.  $-7x + 8y = 32$   
 $5x + 6y = 24$

6.  $4x - 3y = 11$   
 $3x + 2y = -13$

Solve the system of equations using the elimination method(Special Solutions)

1.  $2x + y = 5$   
 $-6x - 3y = -15$

2.  $-6x + 2y = 4$   
 $-9x + 3y = 12$

3.  $-x + y = 7$   
 $2x - 2y = -18$

4.  $-4x + y = -8$   
 $-12x + 3y = -24$

5.  $-7x + 7y = 7$   
 $2x - 2y = -18$

6.  $4x + 4y = -8$   
 $2x + 2y = -4$