

## Standard Form of Linear Equations (A)

Write each equation in standard form. Identify the values for A, B and C.

1.  $y + 2 = -5x$

2.  $-9 = -4x - 7y$

3.  $8y + 5 = 5x$

4.  $3x = 8 - 6y$

5.  $-5 = 6y + x$

6.  $2x + 6 = 8y$

7.  $-4y - 8x = -4$

8.  $-7 = -2y - x$

9.  $6y = 4x + 4$

10.  $1 = -4x + 9y$

## Standard Form of Linear Equations (A) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $y + 2 = -5x$

$$5x + y = -2$$

$$A = 5, B = 1, C = -2$$

2.  $-9 = -4x - 7y$

$$4x + 7y = 9$$

$$A = 4, B = 7, C = 9$$

3.  $8y + 5 = 5x$

$$5x - 8y = 5$$

$$A = 5, B = -8, C = 5$$

4.  $3x = 8 - 6y$

$$3x + 6y = 8$$

$$A = 3, B = 6, C = 8$$

5.  $-5 = 6y + x$

$$x + 6y = -5$$

$$A = 1, B = 6, C = -5$$

6.  $2x + 6 = 8y$

$$2x - 8y = -6$$

$$A = 2, B = -8, C = -6$$

7.  $-4y - 8x = -4$

$$8x + 4y = 4$$

$$A = 8, B = 4, C = 4$$

8.  $-7 = -2y - x$

$$x + 2y = 7$$

$$A = 1, B = 2, C = 7$$

9.  $6y = 4x + 4$

$$4x - 6y = -4$$

$$A = 4, B = -6, C = -4$$

10.  $1 = -4x + 9y$

$$4x - 9y = -1$$

$$A = 4, B = -9, C = -1$$

## Standard Form of Linear Equations (B)

Write each equation in standard form. Identify the values for A, B and C.

1.  $2 + 3y = 4x$

2.  $7x = -5y - 6$

3.  $1 = -3y + x$

4.  $-5 - 8x = -6y$

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

6.  $6y = -7x - 5$

7.  $8x = -5 + 7y$

8.  $7 - 8y = -3x$

9.  $-9x = -4 + 5y$

10.  $-1 = 2x - y$

## Standard Form of Linear Equations (B) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $2 + 3y = 4x$

$$4x - 3y = 2$$

$$A = 4, B = -3, C = 2$$

2.  $7x = -5y - 6$

$$7x + 5y = -6$$

$$A = 7, B = 5, C = -6$$

3.  $1 = -3y + x$

$$x - 3y = 1$$

$$A = 1, B = -3, C = 1$$

4.  $-5 - 8x = -6y$

$$8x - 6y = -5$$

$$A = 8, B = -6, C = -5$$

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

$$x + 5y = 4$$

$$A = 1, B = 5, C = 4$$

6.  $6y = -7x - 5$

$$7x + 6y = -5$$

$$A = 7, B = 6, C = -5$$

7.  $8x = -5 + 7y$

$$8x - 7y = -5$$

$$A = 8, B = -7, C = -5$$

8.  $7 - 8y = -3x$

$$3x - 8y = -7$$

$$A = 3, B = -8, C = -7$$

9.  $-9x = -4 + 5y$

$$9x + 5y = 4$$

$$A = 9, B = 5, C = 4$$

10.  $-1 = 2x - y$

$$2x - y = -1$$

$$A = 2, B = -1, C = -1$$

## Standard Form of Linear Equations (C)

Write each equation in standard form. Identify the values for A, B and C.

1.  $-3x = -5y + 3$

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

3.  $-y + 5 = 2x$

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

5.  $6y + 6x = 6$

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

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

8.  $8y = 2x - 9$

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

10.  $-6x = 4 - 7y$

## Standard Form of Linear Equations (C) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $-3x = -5y + 3$

$$3x - 5y = -3$$

$$A = 3, B = -5, C = -3$$

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

$$x - 3y = -2$$

$$A = 1, B = -3, C = -2$$

3.  $-y + 5 = 2x$

$$2x + y = 5$$

$$A = 2, B = 1, C = 5$$

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

$$7x - 7y = -6$$

$$A = 7, B = -7, C = -6$$

5.  $6y + 6x = 6$

$$6x + 6y = 6$$

$$A = 6, B = 6, C = 6$$

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

$$3x - y = -3$$

$$A = 3, B = -1, C = -3$$

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

$$2x - 3y = 7$$

$$A = 2, B = -3, C = 7$$

8.  $8y = 2x - 9$

$$2x - 8y = 9$$

$$A = 2, B = -8, C = 9$$

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

$$7x - 4y = -6$$

$$A = 7, B = -4, C = -6$$

10.  $-6x = 4 - 7y$

$$6x - 7y = -4$$

$$A = 6, B = -7, C = -4$$

## Standard Form of Linear Equations (D)

Write each equation in standard form. Identify the values for A, B and C.

1.  $3 = -2y - 7x$

2.  $6y + 9x = -1$

3.  $9y = -6 - 4x$

4.  $9y - 4 = -6x$

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

6.  $-x = 2y + 7$

7.  $-3x = 8y + 3$

8.  $-7 + 6x = -7y$

9.  $3 - 8x = -3y$

10.  $2x = -1 - 4y$

## Standard Form of Linear Equations (D) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $3 = -2y - 7x$

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

$$A = 7, B = 2, C = -3$$

2.  $6y + 9x = -1$

$$9x + 6y = -1$$

$$A = 9, B = 6, C = -1$$

3.  $9y = -6 - 4x$

$$4x + 9y = -6$$

$$A = 4, B = 9, C = -6$$

4.  $9y - 4 = -6x$

$$6x + 9y = 4$$

$$A = 6, B = 9, C = 4$$

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

$$3x - 5y = 2$$

$$A = 3, B = -5, C = 2$$

6.  $-x = 2y + 7$

$$x + 2y = -7$$

$$A = 1, B = 2, C = -7$$

7.  $-3x = 8y + 3$

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

$$A = 3, B = 8, C = -3$$

8.  $-7 + 6x = -7y$

$$6x + 7y = 7$$

$$A = 6, B = 7, C = 7$$

9.  $3 - 8x = -3y$

$$8x - 3y = 3$$

$$A = 8, B = -3, C = 3$$

10.  $2x = -1 - 4y$

$$2x + 4y = -1$$

$$A = 2, B = 4, C = -1$$



## Standard Form of Linear Equations (E)

Write each equation in standard form. Identify the values for A, B and C.

1.  $9y - 9x = 1$

2.  $x - 7 = y$

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

4.  $8y = 9x + 9$

5.  $y = 7 + 5x$

6.  $-3y - x = -9$

7.  $2x = -7y - 8$

8.  $y + 3x = -9$

9.  $-4x = 9 - 7y$

10.  $-9 = -9x + y$

## Standard Form of Linear Equations (E) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $9y - 9x = 1$

$$9x - 9y = -1$$

$$A = 9, B = -9, C = -1$$

2.  $x - 7 = y$

$$x - y = 7$$

$$A = 1, B = -1, C = 7$$

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

$$9x + 9y = 3$$

$$A = 9, B = 9, C = 3$$

4.  $8y = 9x + 9$

$$9x - 8y = -9$$

$$A = 9, B = -8, C = -9$$

5.  $y = 7 + 5x$

$$5x - y = -7$$

$$A = 5, B = -1, C = -7$$

6.  $-3y - x = -9$

$$x + 3y = 9$$

$$A = 1, B = 3, C = 9$$

7.  $2x = -7y - 8$

$$2x + 7y = -8$$

$$A = 2, B = 7, C = -8$$

8.  $y + 3x = -9$

$$3x + y = -9$$

$$A = 3, B = 1, C = -9$$

9.  $-4x = 9 - 7y$

$$4x - 7y = -9$$

$$A = 4, B = -7, C = -9$$

10.  $-9 = -9x + y$

$$9x - y = 9$$

$$A = 9, B = -1, C = 9$$

## Standard Form of Linear Equations (F)

Write each equation in standard form. Identify the values for A, B and C.

1.  $-4x = -6y + 6$

2.  $-5y - 8x = -4$

3.  $-9x = y + 5$

4.  $-3 = 6y - 3x$

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

6.  $9x = 5 - 6y$

7.  $4 - 7y = 3x$

8.  $9 - 6y = -5x$

9.  $-7x = -2 + 6y$

10.  $-2 + x = -5y$

## Standard Form of Linear Equations (F) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $-4x = -6y + 6$

$$4x - 6y = -6$$

$$A = 4, B = -6, C = -6$$

2.  $-5y - 8x = -4$

$$8x + 5y = 4$$

$$A = 8, B = 5, C = 4$$

3.  $-9x = y + 5$

$$9x + y = -5$$

$$A = 9, B = 1, C = -5$$

4.  $-3 = 6y - 3x$

$$3x - 6y = 3$$

$$A = 3, B = -6, C = 3$$

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

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

$$A = 3, B = 2, C = -2$$

6.  $9x = 5 - 6y$

$$9x + 6y = 5$$

$$A = 9, B = 6, C = 5$$

7.  $4 - 7y = 3x$

$$3x + 7y = 4$$

$$A = 3, B = 7, C = 4$$

8.  $9 - 6y = -5x$

$$5x - 6y = -9$$

$$A = 5, B = -6, C = -9$$

9.  $-7x = -2 + 6y$

$$7x + 6y = 2$$

$$A = 7, B = 6, C = 2$$

10.  $-2 + x = -5y$

$$x + 5y = 2$$

$$A = 1, B = 5, C = 2$$

## Standard Form of Linear Equations (G)

Write each equation in standard form. Identify the values for A, B and C.

1.  $-7 - 8x = -9y$

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

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

4.  $3y - x = -9$

5.  $2y = -4 - x$

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

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

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

9.  $-4 + 2y = -7x$

10.  $-7y - 4x = -8$

## Standard Form of Linear Equations (G) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $-7 - 8x = -9y$

$$8x - 9y = -7$$

$$A = 8, B = -9, C = -7$$

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

$$5x - 8y = -8$$

$$A = 5, B = -8, C = -8$$

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

$$4x + 9y = 3$$

$$A = 4, B = 9, C = 3$$

4.  $3y - x = -9$

$$x - 3y = 9$$

$$A = 1, B = -3, C = 9$$

5.  $2y = -4 - x$

$$x + 2y = -4$$

$$A = 1, B = 2, C = -4$$

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

$$4x - 4y = -2$$

$$A = 4, B = -4, C = -2$$

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

$$3x - 3y = 3$$

$$A = 3, B = -3, C = 3$$

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

$$x - 2y = -2$$

$$A = 1, B = -2, C = -2$$

9.  $-4 + 2y = -7x$

$$7x + 2y = 4$$

$$A = 7, B = 2, C = 4$$

10.  $-7y - 4x = -8$

$$4x + 7y = 8$$

$$A = 4, B = 7, C = 8$$

## Standard Form of Linear Equations (H)

Write each equation in standard form. Identify the values for A, B and C.

1.  $6y = -9 - 8x$

2.  $-5y = -7x - 3$

3.  $8y - 7 = 9x$

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

5.  $-2x = y - 8$

6.  $-3 - 4x = -7y$

7.  $-3y - 9x = -4$

8.  $-y = -7 + x$

9.  $7y + 2x = 7$

10.  $-y + 2x = 5$

## Standard Form of Linear Equations (H) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $6y = -9 - 8x$

$$8x + 6y = -9$$

$$A = 8, B = 6, C = -9$$

2.  $-5y = -7x - 3$

$$7x - 5y = -3$$

$$A = 7, B = -5, C = -3$$

3.  $8y - 7 = 9x$

$$9x - 8y = -7$$

$$A = 9, B = -8, C = -7$$

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

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

$$A = 5, B = 2, C = -5$$

5.  $-2x = y - 8$

$$2x + y = 8$$

$$A = 2, B = 1, C = 8$$

6.  $-3 - 4x = -7y$

$$4x - 7y = -3$$

$$A = 4, B = -7, C = -3$$

7.  $-3y - 9x = -4$

$$9x + 3y = 4$$

$$A = 9, B = 3, C = 4$$

8.  $-y = -7 + x$

$$x + y = 7$$

$$A = 1, B = 1, C = 7$$

9.  $7y + 2x = 7$

$$2x + 7y = 7$$

$$A = 2, B = 7, C = 7$$

10.  $-y + 2x = 5$

$$2x - y = 5$$

$$A = 2, B = -1, C = 5$$



## Standard Form of Linear Equations (I)

Write each equation in standard form. Identify the values for A, B and C.

1.  $-3 - 7x = -y$

2.  $-3x + 1 = 3y$

3.  $-5 + 7y = -9x$

4.  $3x = 2y + 3$

5.  $-5x + 4 = -9y$

6.  $5 + 7x = -9y$

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

8.  $-7x + 7 = 8y$

9.  $-8y = 6x + 1$

10.  $7y = -5x + 1$

## Standard Form of Linear Equations (I) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $-3 - 7x = -y$

$$7x - y = -3$$

$$A = 7, B = -1, C = -3$$

2.  $-3x + 1 = 3y$

$$3x + 3y = 1$$

$$A = 3, B = 3, C = 1$$

3.  $-5 + 7y = -9x$

$$9x + 7y = 5$$

$$A = 9, B = 7, C = 5$$

4.  $3x = 2y + 3$

$$3x - 2y = 3$$

$$A = 3, B = -2, C = 3$$

5.  $-5x + 4 = -9y$

$$5x - 9y = 4$$

$$A = 5, B = -9, C = 4$$

6.  $5 + 7x = -9y$

$$7x + 9y = -5$$

$$A = 7, B = 9, C = -5$$

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

$$2x - 7y = -7$$

$$A = 2, B = -7, C = -7$$

8.  $-7x + 7 = 8y$

$$7x + 8y = 7$$

$$A = 7, B = 8, C = 7$$

9.  $-8y = 6x + 1$

$$6x + 8y = -1$$

$$A = 6, B = 8, C = -1$$

10.  $7y = -5x + 1$

$$5x + 7y = 1$$

$$A = 5, B = 7, C = 1$$

## Standard Form of Linear Equations (J)

Write each equation in standard form. Identify the values for A, B and C.

1.  $-9 = 7y - 7x$

2.  $7y = -5 - 4x$

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

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

5.  $7 - 7y = -8x$

6.  $-7y = -5 - 3x$

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

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

9.  $-1 = 5y + 9x$

10.  $5 = 7x - 4y$

## Standard Form of Linear Equations (J) Answers

Write each equation in standard form. Identify the values for A, B and C.

1.  $-9 = 7y - 7x$

$$7x - 7y = 9$$

$$A = 7, B = -7, C = 9$$

2.  $7y = -5 - 4x$

$$4x + 7y = -5$$

$$A = 4, B = 7, C = -5$$

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

$$2x + 3y = 3$$

$$A = 2, B = 3, C = 3$$

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

$$7x + 2y = 2$$

$$A = 7, B = 2, C = 2$$

5.  $7 - 7y = -8x$

$$8x - 7y = -7$$

$$A = 8, B = -7, C = -7$$

6.  $-7y = -5 - 3x$

$$3x - 7y = -5$$

$$A = 3, B = -7, C = -5$$

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

$$3x + 3y = 7$$

$$A = 3, B = 3, C = 7$$

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

$$x + 2y = 2$$

$$A = 1, B = 2, C = 2$$

9.  $-1 = 5y + 9x$

$$9x + 5y = -1$$

$$A = 9, B = 5, C = -1$$

10.  $5 = 7x - 4y$

$$7x - 4y = 5$$

$$A = 7, B = -4, C = 5$$