

Simplify Expressions 1

Simplify:

1. $-2x - 4 + 10x + 7 - 2x$

$6x+3$

2. $4x(4) + 3x(2) + 3 - 6x(3)$

**$16x+6x+3-18x$
 $4x+3$**

3. $-3(1-x)$

$-3+3x$

4. $3(4-2x) + 3(4x) - 2x$

**$12-6x+12x-2x$
 $4x+12$**

Simplify Expressions 2

Simplify:

1. $-2t - 4t + 5 - 3 - 2t$

$-8t+2$

2. $7x(4) + 2(2x) + 8 - 2x(3)$

**$28x+4x+8-6x$
 $26x+8$**

3. $-3(5-r)$

$-15+3r$

4. $4(3-2y) + 3(2y) - 2y + 3$

**$12-8y+6y-2y+3$
 $-4y+15$**

Simplify Expressions 3

Simplify:

1. $6t - 2t + 2 - 9 - 4t$

-7

2. $3x(2) + 6(3x) + 10 - 3x(3)$

**$6x+18x+10-9x$
 $15x+10$**

3. $2(2-3r)$

$4-6r$

4. $2(3y-2y) + 3(5y) - 6$

**$6y-4y+15y-6$
 $17y-6$**

Simplify Expressions 4

Simplify:

1. $t - 3t + 5 - 2 - 8t$

$-10t+3$

2. $4x(2) + 2(3x) + 1 - 2x(3)$

**$8x+6x+1-6x$
 $8x+1$**

3. $2(8-2r)$

$-16-4r$

4. $3(3y-4) + 2(3y) - 4$

**$9y-12+6y-4$
 $15y-16$**

Simplify Expressions 5

Simplify:

1. $4t - 3t + 3 - 9 - 2t$

$-t-6$

2. $x(2) + 2(7x) + 2 - x(3)$

**$2x+14x+2-3x$
 $13x+2$**

3. $3(5-2r)$

$15-6r$

4. $5(3y-4) - 8 - 2(4y) + 2$

**$15y-20-8-8y+2$
 $7y-26$**

Simplify Expressions 6

Simplify:

1. $t - 6t + 4 - 3 - 6t$

$-11t+1$

2. $3x(4) + 3(2x) + 8 - 2x(5)$

**$12x+6x+8-10x$
 $8x+8$**

3. $2(3-3r)$

$6-6r$

4. $3(2y-3) - 10 - 6(4y) + 3$

**$6y-9-10-24y+3$
 $-18y-16$**

Simplify Expressions 7

Simplify:

1. $2t - 3t + 5 - 2 - 9t$

$-10t+3$

2. $x(3) + 3(4x) - 4 - 2x(9)$

**$3x+12x+4-18x$
 $-3x+4$**

3. $-3(1-2r)$

$-3+6r$

4. $2(2y-1) - 7 - 2(2y) + 3$

**$4y-2-7-4y+3$
 -6**

Simplify Expressions 8

Simplify:

1. $4t - 3t + 3 - 1 - t$

2

2. $8(3x) + 2(4x) - 4 - 3x(2)$

**$24x+8x-4-6x$
 $26x-4$**

3. $-2(4-6r)$

$-8+12r$

4. $5(2y-4) - 3 - 5(3y) + 4$

**$10y-20-3-15y+4$
 $-5y-19$**

Simplify Expressions 9

Simplify:

1. $t - 5t + 9 - 12 - 4t$

-8t-3

2. $4x(3) + 2(4x) - 8 - 6x(2)$

**12x+8x-8-12x
8x-8**

3. $-9(2 - r)$

-18+9r

4. $3(3y - 5) - 12 - 4(4y) + 8$

**9y-15-12-16y+8
-7y-19**

Simplify Expressions 10

Simplify:

1. $t - 7t + 1 - 7 - 4t$

-10t-6

2. $5x(4) - 3(3x) + 2 - 2x(2)$

**20x+9x+2-4x
25x+2**

3. $4(2 - 2r)$

8-8r

4. $10 - 5(5y - 4) - 3(3y) + 7$

**10-25y+20-9y+7
-34y+37**

Simplify Expressions 11

Simplify:

1. $6 - 7x + 4x - 9 - 4x$

-7x-3

2. $3x(4) - 3(2x) + 6 - 2x(8)$

**12x-6x+6-16x
-10x+6**

3. $6(3 - 3r)$

-18-18r

4. $12 - 5(2y - 5) - 2(3y) + 4$

**12-10y+25-6y+4
-16y+41**

Simplify Expressions 12

Simplify:

1. $5t - t + 4 - 6 - 2t$

2t-2

2. $x(8) + 2(3x) - 4 - 3x(3)$

**8x+6x-4-9x
5x-4**

3. $-7(2 - 3r)$

-14+21r

4. $5(3y - 1) - 4 - 3(5y) + 4$

**15y-5-4-15y+4
-5**

Simplify Expressions 13

Simplify:

1. $3t - 2t + 5 - 3 - 2t$

-t+2

2. $4(2x) + 5(5x) - 3 - 6x(3)$

**8x+25x-3-18x
15x-3**

3. $-3(5 - 5r)$

-15+15r

4. $2(7y - 6) - 4 - 3(3y) + 6$

**14y-12-4-9y+6
5y-10**

Simplify Expressions 14

Simplify:

1. $2t - 3t + 3 - 1 - t$

-2t+2

2. $x(4) + 3(5x) - 7 - 3x(6)$

**4x+15x-7-18x
x-7**

3. $-6(6 - r)$

-36-6r

4. $2(8y - 3) - 10 - 3(2y) + 9$

**16y-6-10-6y+9
10y-7**

Simplify Expressions 15

Simplify:

1. $2t - 3t + 2 - 8 - 3t$

-4t-6

2. $7x(4) - 2(3x) + 9 - x(5)$

**28x-6x+9-5x
17x+9**

3. $3(8 - 5r)$

24-15r

4. $8 - 2(4y - 3) - 8(3y) + 2$

**8-8y+6-24y+2
-32y+16**