

Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

## Simplifying Expressions by Combining Like Terms

1  $-q - 10q =$  \_\_\_\_\_

2  $-v + 12v =$  \_\_\_\_\_

3  $n + 9 - 2n + 2 =$  \_\_\_\_\_

4  $12q - 3 + q =$  \_\_\_\_\_

5  $-2x + 3 - 7x =$  \_\_\_\_\_

6  $-5 + 9l + 6 =$  \_\_\_\_\_

7  $-5n + 3(6 + 7n) =$  \_\_\_\_\_

8  $5(-2n + 4) + 2n =$  \_\_\_\_\_

9  $-4 + 3(s - 6) =$  \_\_\_\_\_

10  $-4 + 7(1 - 3m) =$  \_\_\_\_\_

11  $-2(-3k + 4) - 7 =$  \_\_\_\_\_

12  $12x + 11 - 4 =$  \_\_\_\_\_

13  $-8(1 + 5m) =$  \_\_\_\_\_

14  $-(-n + 2) - 2n =$  \_\_\_\_\_

15  $1 + 5g + g - 6 =$  \_\_\_\_\_

16  $2z(3) - 3 + 2z =$  \_\_\_\_\_

17  $8(2 + 2x) - 5 =$  \_\_\_\_\_

18  $3a + 7 + 2(3 + a) =$  \_\_\_\_\_

19  $-2 + 3(8x + 3) =$  \_\_\_\_\_

20  $-y + 2y - 3(-y) =$  \_\_\_\_\_

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# Simplifying Expressions by Combining Like Terms

## Answers

1  $-q - 10q = \underline{-11q}$

2  $-v + 12v = \underline{11v}$

3  $n + 9 - 2n + 2 = \underline{-n + 11}$

4  $12q - 3 + q = \underline{13q - 3}$

5  $-2x + 3 - 7x = \underline{-9x + 3}$

6  $-5 + 9l + 6 = \underline{9l + 1}$

7  $-5n + 3(6 + 7n) = \underline{16n + 18}$

8  $5(-2n + 4) + 2n = \underline{-8n + 20}$

9  $-4 + 3(s - 6) = \underline{3s - 22}$

10  $-4 + 7(1 - 3m) = \underline{3 - 21m}$

11  $-2(-3k + 4) - 7 = \underline{6k - 15}$

12  $12x + 11 - 4 = \underline{12x + 7}$

13  $-8(1 + 5m) = \underline{-8n - 40m}$

14  $-(-n + 2) - 2n = \underline{-n - 2}$

15  $1 + 5g + g - 6 = \underline{6g - 5}$

16  $2z(3) - 3 + 2z = \underline{8z - 3}$

17  $8(2 + 2x) - 5 = \underline{11 + 16x}$

18  $3a + 7 + 2(3 + a) = \underline{5a + 13}$

19  $-2 + 3(8x + 3) = \underline{24x + 7}$

20  $-y + 2y - 3(-y) = \underline{4y}$