

Unit 1 Worksheet 6 - Combining Like Terms

Date _____ Period _____

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Simplify each expression.

1) $7n + 8 + 6$

2) $3x - 6 + 6x$

3) $-2x + 5x$

4) $-b - 8b$

5) $10 - 9x + 1 - 7x$

6) $4 + 9n + 3n - 4$

7) $a - 1 - 7$

8) $x + 8 + 4x$

9) $1 + 6x + 10$

10) $1 + 4v + 10v - 2$

11) $6 - a - 7$

12) $6k - 5 - 6$

13) $1 - 10x + 1 - 10x$

14) $10 + 9r + 4r$

15) $-n - n$

16) $10x - 10x$

17) $-2n - 5n$

18) $-n - 9n$

19) $6b + 9 + 1 - 9b$

20) $9k - 4k$

Write each as an algebraic expression.

21) half of a number

22) twice 4

23) 3 increased by a number

24) the difference of w and 7

Write each as a verbal expression.

25) $n - 5$

26) n^2

27) $4 + n$

28) $\frac{n}{2}$

29) Sally has 7 jars each containing 11 marbles. She gives 6 marbles to her brother. Write an expression that models this situation.

30) The temperature on a winter morning is -13°F . If the temperature rises 2 degrees then falls 21 degrees in the evening, what is the temperature in the evening? Write an expression that models the situation first.