GRADE 7 MATH · CLASSWORK

Expand More Complex Expressions

SCORE / 25

01 Part A · Practice

Distribute to every term in each set of parentheses, then combine like terms to finish simplifying.

EXAMPLE

Expand and simplify $3(x + 4) - 2(x - 5)$.

1. $3(x + 4) = 3x + 12$.
2. $-2(x - 5) = -2x + 10$.
3. $3x - 2x + 12 + 10 = x + 22$.

1 ●○○ Expand and simplify. $6(3n + 8) + 4(n - 1)$

2 ●○○ Expand. $1.5(8c - 4k - 14)$

3 ●○○ Expand and simplify. $7(2n + 9) - 9(n - 9)$

4 ●○○ Expand and simplify. $7(w - 3) - 3(w + 5)$

5 ●○○ Expand. $1.5(8p + 8k + 10)$

6 ●○○ Expand and simplify. $5(5k + 1) + 2(4k + 5)$

7 ●○○ Expand and simplify. $9(2w + 8) - 6(4w + 8)$

8 ●○○ Expand. $-6(3a + 4b - 9)$

9 ●○○ Expand and simplify. $5(4p + 4) + 9(3p + 2)$

10 ●○○ Expand and simplify. $4(3w - 9) + 7(3w + 6)$

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Preview - the full worksheet and its answer key are at primeworksheet.com