

The Distributive Property Bell Work

Multiple Choice:

1. What is value of the expression $3(-4 + 3)$?
 - A. $4(3) + 4(3)$
 - B. $3(-4) + 3(3)$
 - C. $4(3) - 4(3)$
 - D. $3(4) + 3(3)$

2. The expression $2 + 3(2x - 5)$ can be simplified to:
 - A. $6x - 13$
 - B. $6x + 13$
 - C. $6x - 17$
 - D. $6x + 17$

3. The expression $6(x + 3) - 2(4 - x)$ can be simplified to:
 - E. $5x + 5$
 - F. $8x + 10$
 - G. $5x - 5$
 - H. $8x + 1$

4. The expression $5 + 3(2x - 6)$ can be simplified to:
 - I. $6x + 23$
 - J. $6x - 23$
 - K. $6x - 13$
 - L. $6x + 13$

5. What is simplified expression of $4x - 2[7 - 5(2x - 3)]$?
 - M. $24x + 16$
 - N. $-16x + 16$
 - O. $-16x - 44$
 - P. $24x - 44$

Name: _____ Period: _____ Date: _____

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Using the properties of real numbers, simplify the following expressions:

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

7. $5(4r - 7t) - 2(10r + 3t)$

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

9. $5a - 2[3 - 2(4a + 3)]$

10. $5 - 3(4x - 2y)$