Name: _____ Period: _____ Date: _____

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. $24x - 44$

The Distributive Property *Bell Work*

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

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The Distributive Property Bell Work

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

6. $2 + 3(2x - 5)$
   $= 2 + 6x - 15$
   $= 6x - 13$

7. $5(4r - 7t) - 2(10r + 3t)$
   $= 20r - 35t - 20r - 6t$
   $= -41t$

8. $4 + 2(2a - 3)$
   $= 4 + 4a - 6$
   $= 4a - 2$

9. $5a - 2[3 - 2(4a + 3)]$
   $= 5a - 2[3 - 8a - 6]$
   $= 5a - 2[-8a - 3]$
   $= 5a + 16a + 6$
   $= 21a + 6$

10. $5 - 3(4x - 2y)$
    $= 5 - 12x + 6y$

4

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