Equivalent Expressions

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.AR.1.4 | STUDENT WORKSHEET

Name: _____ **Date:** _____

Directions: Solve each problem. Show your work in the space provided.

1. Rewrite $6(x + 4)$ without parentheses.

2. Rewrite $-3(2y - 5)$ without parentheses.

3. Simplify $7a + 2 - 3a + 9$.

4. Factor $12n + 18$ using the greatest common factor.

5. Are $2(x + 5)$ and $2x + 5$ equivalent? Explain.

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Answer Key

1. **6x + 24**

2. **−6y + 15**

3. **4a + 11**

4. **6(2n + 3)**

5. **No**

2(x + 5) = 2x + 10. When x = 1, the values are 12 and 7.

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