Evaluating Expressions

FLORIDA GRADE 6 MATH | B.E.S.T. BENCHMARK MA.6.AR.1.3 | STUDENT WORKSHEET

Name: _____ **Date:** _____

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

1. Evaluate $5x - 8$ when $x = -3$.

2. Evaluate $a^2 + 2b$ when $a = 4$ and $b = -6$.

3. Evaluate $(k - 9) \div 3$ when $k = -6$.

4. Evaluate $-2m + 7$ when $m = -4$.

5. Evaluate $3(p + q)^2$ when $p = 1$ and $q = -3$.

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Answer Key

1. −23

$5 \times (-3) - 8 = -15 - 8 = -23$

2. 4

$4^2 + 2 \times (-6) = 16 - 12 = 4$

3. −5

$(-6 - 9) \div 3 = -15 \div 3 = -5$

4. 15

$-2 \times (-4) + 7 = 8 + 7 = 15$

5. 12

$3 \times (1 + (-3))^2 = 3 \times 4 = 12$

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