

5.6 Evaluating Expressions

Chapter 5: Introduction to Algebra

Name: _____

Date: _____

Class/Period: _____

Problem 5.109 Evaluate $7x - 5$ for $x = 4$.

Problem 5.112 Evaluate $pq - 4$ for $p = -3, q = 7$.

Problem 5.110 Evaluate $9 - 2n$ for $n = -6$.

Problem 5.113 Evaluate $x^2 + 6$ for $x = -5$.

Problem 5.111 Evaluate $3a + 2b$ for $a = 5, b = -2$.

Problem 5.114 Evaluate $2y^3 - 1$ for $y = -2$.

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Problem 5.115 Evaluate $(3m)^2$ for $m = -2$.

Problem 5.118 Evaluate $\frac{n^2-1}{3}$ for $n = -4$.

Problem 5.116 Evaluate $4a^2 - b$ for $a = -3, b = 8$.

Problem 5.119 Evaluate $5(r - 2) + 3$ for $r = -1$.

Problem 5.117 Evaluate $\frac{x+8}{4}$ for $x = 12$.

Problem 5.120 Evaluate $2(s + 1)^2$ for $s = -4$.

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Problem 5.121 Evaluate $a^2b - ab^2$ for $a = -2, b = 3$.

Problem 5.123 Evaluate $\frac{m^2+n^2}{m-n}$ for $m = 5, n = -2$.

Problem 5.122 Evaluate $3x^2 - 2x + 1$ for $x = -\frac{1}{2}$.

Problem 5.124 A student evaluates $2x^2$ at $x = -3$ as -12 . Diagnose the substitution or order error and find the correct value.