



Evaluating Algebraic Expressions

Name _____

Score _____

EAE:15

Evaluate each algebraic expression.

1) $g + h^2 - gh$ at $g = -3.1, h = -2.4$

5) $ab - b^2 + 2$ at $a = 2.6, b = 1.8$

2) $x + y + z$ at $x = -6.2, y = 7.8, z = -4.4$

6) $2(u - v) - w$ at $u = 3.1, v = -5.6, w = 1.1$

3) $\frac{s}{t} + u$ at $s = 4.5, t = 1.5, u = -7.9$

7) $pq + r^2$ at $p = -4.6, q = 2.5, r = 0.5$

4) $c - d$ at $c = 3.8, d = -6.2$

8) $mn - 3n + 5m$ at $m = 6.5, n = 4.2$



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Answer key

EAE:15

Evaluate each algebraic expression.

1) $g + h^2 - gh$ at $g = -3.1, h = -2.4$

-4.78

2) $x + y + z$ at $x = -6.2, y = 7.8, z = -4.4$

-2.8

3) $\frac{s}{t} + u$ at $s = 4.5, t = 1.5, u = -7.9$

-4.9

4) $c - d$ at $c = 3.8, d = -6.2$

10

5) $ab - b^2 + 2$ at $a = 2.6, b = 1.8$

3.44

6) $2(u - v) - w$ at $u = 3.1, v = -5.6, w = 1.1$

16.3

7) $pq + r^2$ at $p = -4.6, q = 2.5, r = 0.5$

-11.25

8) $mn - 3n + 5m$ at $m = 6.5, n = 4.2$

47.2