



Evaluating Algebraic Expressions

Name _____

Score _____

EAE:03

Evaluate each algebraic expression.

1) $11 - h$ when $h = 14$

2) $\frac{w^2}{16}$ when $w = -4$

3) $9u - 4$ when $u = -11$

4) $2c^3 - c^2 + 3c - 5$ when $c = 3$

5) $x(x^2 + 7)$ when $x = -6$

6) $14g$ when $g = -8$

7) $v - 3 + 2v^2$ when $v = 10$

8) $(12 + m)(m^2 - 1)$ when $m = 1$



Evaluating Algebraic Expressions

Name _____

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Answer key

EAE:03

Evaluate each algebraic expression.

1) $11 - h$ when $h = 14$

-3

3) $9u - 4$ when $u = -11$

-103

5) $x(x^2 + 7)$ when $x = -6$

-258

7) $v - 3 + 2v^2$ when $v = 10$

207

2) $\frac{w^2}{16}$ when $w = -4$

1

4) $2c^3 - c^2 + 3c - 5$ when $c = 3$

49

6) $14g$ when $g = -8$

-112

8) $(12 + m)(m^2 - 1)$ when $m = 1$

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