



Evaluating Algebraic Expressions

Name _____

Score _____

EAE:02

Evaluate each algebraic expression.

1) $2b^2$ when $b = 6$

2) $7 - 3m$ when $m = 13$

3) $4k + 12 - k^2$ when $k = -1$

4) $g^2 - g^3$ when $g = -3$

5) $\frac{10}{d}$ when $d = 15$

6) $5 - 11n + n^2$ when $n = 4$

7) $y - 17$ when $y = -2$

8) $6t^2 + 19$ when $t = -5$



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Answer key

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Evaluate each algebraic expression.

1) $2b^2$ when $b = 6$

72

2) $7 - 3m$ when $m = 13$

-32

3) $4k + 12 - k^2$ when $k = -1$

7

4) $g^2 - g^3$ when $g = -3$

36

5) $\frac{10}{d}$ when $d = 15$

$\frac{2}{3}$

6) $5 - 11n + n^2$ when $n = 4$

-23

7) $y - 17$ when $y = -2$

-19

8) $6t^2 + 19$ when $t = -5$

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