



Evaluating Algebraic Expressions

Name _____

Score _____

EAE:01

Evaluate each algebraic expression.

1) $2x + 5$ when $x = -9$

2) $y^2 + 3y - 11$ when $y = 10$

3) $\frac{4}{5n}$ when $n = 2$

4) $a - 7$ when $a = -11$

5) $7m^2$ when $m = 5$

6) $q^3 + 6$ when $q = -1$

7) $10 - z^2 - 2z$ when $z = 3$

8) $4(8 - 3p)$ when $p = -7$



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Answer key

EAE:01

Evaluate each algebraic expression.

1) $2x + 5$ when $x = -9$

-13

3) $\frac{4}{5n}$ when $n = 2$

$\frac{2}{5}$

5) $7m^2$ when $m = 5$

175

7) $10 - z^2 - 2z$ when $z = 3$

-5

2) $y^2 + 3y - 11$ when $y = 10$

119

4) $a - 7$ when $a = -11$

-18

6) $q^3 + 6$ when $q = -1$

5

8) $4(8 - 3p)$ when $p = -7$

116