



Evaluating Algebraic Expressions

Name _____

Score _____

EAE:04

Evaluate each algebraic expression.

1) $13 + 6r - r^2$ when $r = 1.5$

2) $4x - 3$ when $x = 5.6$

3) $10k$ when $k = -2.3$

4) $g^2 + 3.4$ when $g = 0.2$

5) $7 - a$ when $a = 3.7$

6) $12(1 + q)$ when $q = -1.8$

7) $1 - 5m$ when $m = 7.6$

8) $\frac{8z}{15}$ when $z = -0.5$



Evaluating Algebraic Expressions

Name _____

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Answer key

EAE:04

Evaluate each algebraic expression.

1) $13 + 6r - r^2$ when $r = 1.5$

19.75

2) $4x - 3$ when $x = 5.6$

19.4

3) $10k$ when $k = -2.3$

-23

4) $g^2 + 3.4$ when $g = 0.2$

3.44

5) $7 - a$ when $a = 3.7$

3.3

6) $12(1 + q)$ when $q = -1.8$

-9.6

7) $1 - 5m$ when $m = 7.6$

-37

8) $\frac{8z}{15}$ when $z = -0.5$

$-\frac{4}{15}$