



Evaluating Algebraic Expressions

Name _____

Score _____

EAE:21

1) Evaluate $5k - k^2 + 6$ by the given values

i) $k = 5$

ii) $k = -9$

iii) $k = 1.6$

2) Evaluate $v^3 - 2$ by the given values

i) $v = -1$

ii) $v = 3.5$

iii) $v = 4$

3) Evaluate $(p + q)(r - s)$ by the given values

i) $p = 4, q = 5$
 $r = 1, s = 3$

ii) $p = -2.1, q = -1$
 $r = 6, s = -4$

iii) $p = 2, q = 7$
 $r = -7, s = 0$

4) Evaluate $4g + h$ by the given values

i) $g = 1$
 $h = -8$

ii) $g = -4.5$
 $h = -5$

iii) $g = 3$
 $h = 6$



Evaluating Algebraic Expressions

Answer key

Name _____

Score _____

EAE:21

- 1) Evaluate $5k - k^2 + 6$ by the given values

i) $k = 5$

6

ii) $k = -9$

-120

iii) $k = 1.6$

11.44

- 2) Evaluate $v^3 - 2$ by the given values

i) $v = -1$

-3

ii) $v = 3.5$

40.875

iii) $v = 4$

62

- 3) Evaluate $(p + q)(r - s)$ by the given values

i) $p = 4, q = 5$
 $r = 1, s = 3$

-18

ii) $p = -2.1, q = -1$
 $r = 6, s = -4$

-31

iii) $p = 2, q = 7$
 $r = -7, s = 0$

-63

- 4) Evaluate $4g + h$ by the given values

i) $g = 1$
 $h = -8$

-4

ii) $g = -4.5$
 $h = -5$

-23

iii) $g = 3$
 $h = 6$

18