Evaluating Algebraic Expressions

t = 1	k = 10	n = −6	v = 3	b = −8
z = −0.5	a = 5	u = −2	m = 12	w = 2.6

Use the given variable values and evaluate each expression.

1) t − 5

2) m + n − 7

3) $\dfrac{k^2}{8}$

4) a² − b²

5) 2z + z² − 3

6) u³ + vw

7) 3n³

8) −tu + v + w

9) −4z − $\dfrac{2}{3}$

Evaluating Algebraic Expressions

Name _____

Score _____

EAE:24

Answer key

t = 1	k = 10	n = –6	v = 3	b = –8
z = –0.5	a = 5	u = –2	m = 12	w = 2.6

Use the given variable values and evaluate each expression.

1)   t – 5

2)   m + n – 7

3) $\dfrac{k^2}{8}$

–4

–1

12.5

4)   a² – b²

5)   2z + z² – 3

6)   u³ + vw

–39

–3.75

–0.2

7)   3n³

8)   –tu + v + w

9) $-4z - \dfrac{2}{3}$

–648

7.6

$1\dfrac{1}{3}$

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