Evaluating Algebraic Expressions

a = 5	y = 0	k = −1.5	c = 3.3	m = 8
x = −7	d = −6	n = −2	z = 4	b = −1

Use the given variable values and evaluate each expression.

1) $k^2 - k + 6$

2) $ab - c + 2d$

3) $m^2 + n$

4) $3x - 4$

5) $5c^3$

6) $x^2 + yz - 4$

7) $6(b - 7)$

8) $\dfrac{k^2}{5}$

9) $mn + a$

Evaluating Algebraic Expressions

Answer key

a = 5	y = 0	k = −1.5	c = 3.3	m = 8
x = −7	d = −6	n = −2	z = 4	b = −1

Use the given variable values and evaluate each expression.

1) $k^2 - k + 6$

2) $ab - c + 2d$

3) $m^2 + n$

9.75

−20.3

62

4) $3x - 4$

5) $5c^3$

6) $x^2 + yz - 4$

−25

179.685

45

7) $6(b - 7)$

8) $\dfrac{k^2}{5}$

9) $mn + a$

−48

0.45

−11