

# Evaluating Algebraic Expressions

Evaluate each expression using the given value.

$3d + 5 \text{ where } d = 3$

$(m - 5) \div 4 \text{ where } m = 17$

$v^2 - 3 \text{ where } v = 5$

$h^3 \div 8 \text{ where } h = 4$

$5(n - 4) \text{ where } n = 10$

$4p \div 6 \text{ where } p = 12$

$6s + 17 \text{ where } s = \frac{1}{2}$

$(3 + g^2) \div 6 \text{ where } g = 9$

Evaluate each expression using the given values.

$2f + 1 + g \text{ where } f = 5 \text{ and } g = 4$

$(15 + r) \div q \text{ where } q = 6 \text{ and } r = 9$

# Evaluating Algebraic Expressions

Keep going! Evaluate each expression using the given values.

$$3a + b^2 \text{ where } a = 4 \text{ and } b = 3$$

$$k + 3j - 7 \text{ where } j = 8 \text{ and } k = 14$$

Challenge yourself! Use the given values to evaluate each expression.

$$w = 5$$

$$x = \frac{1}{6}$$

$$y = 9$$

$$z = 3$$

$$2y + w$$

$$y - w + 4z$$

$$12x + 3z + y$$

$$z + 4(5w - y)$$

$$(6x + 6y) \div w$$

$$18x + y - z + w$$