

# Evaluating Algebraic Expressions

Evaluate each expression using the given value.

$3d + 5$ where $d = 3$ <b>14</b>	$(m - 5) \div 4$ where $m = 17$ <b>3</b>
$v^2 - 3$ where $v = 5$ <b>22</b>	$h^3 \div 8$ where $h = 4$ <b>8</b>
$5(n - 4)$ where $n = 10$ <b>30</b>	$4p \div 6$ where $p = 12$ <b>8</b>
$6s + 17$ where $s = \frac{1}{2}$ <b>20</b>	$(3 + g^2) \div 6$ where $g = 9$ <b>14</b>

Evaluate each expression using the given values.

$2f + 1 + g$ where $f = 5$ and $g = 4$ <b>15</b>	$(15 + r) \div q$ where $q = 6$ and $r = 9$ <b>4</b>
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# Evaluating Algebraic Expressions

Keep going! Evaluate each expression using the given values.

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

**21**

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

**31**

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

$$w = 5$$

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

$$y = 9$$

$$z = 3$$

$$2y + w$$

**23**

$$y - w + 4z$$

**16**

$$12x + 3z + y$$

**20**

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

**67**

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

**11**

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

**14**