

# EVALUATING EXPRESSIONS

EVALUATE EACH EXPRESSION USING THE GIVEN VALUES

1. Let  $x = 9$   $y = 10$   $z = 4$

$$x + y + z$$

$$9 + 10 + 4$$

$$23$$

*Substitute*

2. Let  $y = 10$   $z = 2$

$$y - (z + z^2)$$

$$10 - (2 + 2^2)$$

$$10 - (2 + 4)$$

$$10 - 6$$

*H*

3. Let  $p = 2, q = 2, r = 5$

$$2 + r - (5 - q) + p$$

$$2 + 5 - (5 - 2) + 2$$

$$2 + 5 - 3 + 2$$

$$7 - 3 + 2$$

$$6$$

4. Let  $m = 4, n = 2, p = 5$

$$2(p + 4) - (m + n)$$

$$2(5 + 4) - (4 + 2)$$

$$2(9) - (6)$$

$$18 - 6$$

$$12$$