Evaluating an algebraic expression with two operations: Worksheet 3.2

Name .... Date .... Score ....

Evaluate the expressions for the given values of the variable

1. $s + 3t$; $s = 2$, $t = 1$

2. $p + \dfrac{q}{2}$, $p = 1$, $q = 6$

3. $a - \dfrac{b}{2}$, $a = 7$, $b = 6$

4. $m + 2n$; $m = 2$, $n = 2$

5. $j - 4k$; $j = 12$, $k = 1$

6. $u + \dfrac{v}{4}$, $u = 4$, $v = 8$

7. $3s + t$; $s = 1$, $t = 1$

8. $x - \dfrac{y}{5}$, $x = 6$, $y = 15$

9. $c + \dfrac{d}{2}$, $c = 4$, $d = 8$

10. $3p - q$; $p = 3$, $q = 5$

Solutions: Worksheet 3.2

1. $s + 3t = 2 + 3(1) = 5$

2. $p + \dfrac{q}{2} = 1 + (6/2) = 4$

3. $a - \dfrac{b}{2} = 7 - (6/2) = 7 - 3 = 4$

4. $m + 2n = 2 + 2(2) = 6$

5. $j - 4k = 12 - 4(1) = 8$

6. $u + \dfrac{v}{4} = 4 + (8/4) = 6$

7. $3s + t = 3(1) + 1 = 4$

8. $x - \dfrac{y}{5} = 6 - (15/5) = 3$

9. $c + \dfrac{d}{2} = 4 + (8/2) = 8$

10. $3p - q = 3(3) - 5 = 4$