

Evaluating a formula: Worksheet 4.3

Name Date Score

Evaluate the unknown variable from the formulas, given values of other variables

1. $r = 2p - q; p = 3, q = 4$

2. $s = p + \frac{q}{2}, p = 4, q = 6$

3. $c = a - \frac{b}{2}, a = 9, b = 8$

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

5. $i = j \times 6k; j = 3, k = 1$

6. $t = u \times \frac{v}{3}, u = 5, v = 6$

7. $v = 6s \div t; s = 1, t = 2$

8. $z = x \div \frac{y}{5}, x = 6, y = 15$

9. $b = c \times \frac{d}{2}, c = 6, d = 6$

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



Solutions: Worksheet 4.3

1. $r = 2$

2. $s = 7$

3. $c = 5$

4. $p = 8$

5. $i = 18$

6. $t = 10$

7. $v = 3$

8. $z = 2$

9. $b = 18$

10. $u = 7$

