

Evaluating a formula: Worksheet 4.1

Name Date Score

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

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

2. $s = p + \frac{q}{3}, p = 4, q = 6$

3. $c = a - \frac{b}{2}, a = 9, b = 6$

4. $p = 2m + 3n; m = 2, n = 2$

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

6. $t = u \times \frac{v}{4}, u = 5, v = 8$

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

8. $z = x \div \frac{y}{5}, x = 4, y = 10$

9. $b = c \times \frac{d}{2}, c = 4, d = 6$

10. $u = 5s + 3t; s = 2, t = 1$



Solutions: Worksheet 4.1

1. $r = 8$

2. $s = 6$

3. $c = 6$

4. $p = 10$

5. $i = 15$

6. $t = 10$

7. $v = 1$

8. $z = 2$

9. $b = 12$

10. $u = 13$

