

Evaluating a formula: Worksheet 4.2

Name Date Score

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

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

2. $s = p + \frac{q}{4}, p = 4, q = 8$

3. $c = a - \frac{b}{2}, a = 9, b = 4$

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

5. $i = j \times 4k; j = 3, k = 1$

6. $t = u \times \frac{v}{2}, u = 5, v = 8$

7. $v = 4s \div t; s = 1, t = 2$

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

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

10. $u = 4s + 3t; s = 2, t = 1$



Solutions: Worksheet 4.2

1. $r = 5$

2. $s = 6$

3. $c = 7$

4. $p = 12$

5. $i = 12$

6. $t = 20$

7. $v = 2$

8. $z = 4$

9. $b = 6$

10. $u = 11$

