



Name: _____

Date: _____

Algebra 1 – Unit 1 – Evaluating an Expression (Medium)

1. Evaluate $a^2 + 3$ when $a = 7$ 6. Evaluate $3a + 9$ when $a = 3$

2. Evaluate $n^2 + 10$ when $n = 3$ 7. Evaluate $8n + 11$ when $n = 7$

3. Evaluate $5x + 1$ when $x = 9$ 8. Evaluate $n^2 + 9$ when $n = 7$

4. Evaluate $5x + 7$ when $x = 8$ 9. Evaluate $y^2 + 9$ when $y = 2$

5. Evaluate $n^2 + 6$ when $n = 7$ 10. Evaluate $2y + 9$ when $y = 8$



Algebra 1 – Unit 1 – Evaluating an Expression (Medium) – Answer Key

1. Evaluate $a^2 + 3$ when $a = 7$ 6. Evaluate $3a + 9$ when $a = 3$
 $x = 52$ $x = 18$

2. Evaluate $n^2 + 10$ when $n = 3$ 7. Evaluate $8n + 11$ when $n = 7$
 $x = 19$ $x = 67$

3. Evaluate $5x + 1$ when $x = 9$ 8. Evaluate $n^2 + 9$ when $n = 7$
 $x = 46$ $x = 58$

4. Evaluate $5x + 7$ when $x = 8$ 9. Evaluate $y^2 + 9$ when $y = 2$
 $x = 47$ $x = 13$

5. Evaluate $n^2 + 6$ when $n = 7$ 10. Evaluate $2y + 9$ when $y = 8$
 $x = 55$ $x = 25$