



Name: _____

Date: _____

Evaluating Expressions hard Test

1. Evaluate $3x^2 + 6x + 6$ when $x = 6$ 6. Evaluate $\frac{3x + 6}{4}$ when $x = 2$

2. Evaluate $\frac{2x + 21}{3}$ when $x = 3$

3. Evaluate $\frac{2x + 3}{3}$ when $x = 3$

4. Evaluate $1x^2 + 7x + 10$ when $x = 6$

5. Evaluate $2x + 2y$ when $x = 3, y = 3$



Evaluating Expressions hard Test – Answer Key

1. Evaluate $3x^2 + 6x + 6$ when $x = 6$
 $x = 150$

6. Evaluate $\frac{3x + 6}{4}$ when $x = 2$
 $x = 3$

2. Evaluate $\frac{2x + 21}{3}$ when $x = 3$
 $x = 9$

3. Evaluate $\frac{2x + 3}{3}$ when $x = 3$
 $x = 3$

4. Evaluate $1x^2 + 7x + 10$ when $x = 6$
 $x = 88$

5. Evaluate $2x + 2y$ when $x = 3, y = 3$
 $x = 12$