

# Evaluating Expressions

Grades 7-8 • Substituting values into algebraic expressions

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Evaluate the expression  $3y - 4$  when  $y = 4$

Answer: \_\_\_\_\_

2. Evaluate the expression  $x/2 + 3$  when  $x = 4$

Answer: \_\_\_\_\_

3. Evaluate the expression  $4a + 1$  when  $a = 2$

Answer: \_\_\_\_\_

4. Evaluate the expression  $3y - 4$  when  $y = 5$

Answer: \_\_\_\_\_

5. Evaluate the expression  $x/2 + 3$  when  $x = 6$

Answer: \_\_\_\_\_

6. Evaluate the expression  $4a + 1$  when  $a = 0$

Answer: \_\_\_\_\_

7. Evaluate the expression  $4a + 1$  when  $a = 1$

Answer: \_\_\_\_\_

8. Evaluate the expression  $5b - 3$  when  $b = 4$

Answer: \_\_\_\_\_

9. Evaluate the expression  $2x + 5$  when  $x = 2$

Answer: \_\_\_\_\_

10. Evaluate the expression  $4a + 1$  when  $a = 2$

Answer: \_\_\_\_\_



## Answer Key

1.	Evaluate the expression $3y - 4$ when $y = 4$	<b>8</b>
2.	Evaluate the expression $x/2 + 3$ when $x = 4$	<b>5</b>
3.	Evaluate the expression $4a + 1$ when $a = 2$	<b>9</b>
4.	Evaluate the expression $3y - 4$ when $y = 5$	<b>11</b>
5.	Evaluate the expression $x/2 + 3$ when $x = 6$	<b>6</b>
6.	Evaluate the expression $4a + 1$ when $a = 0$	<b>1</b>
7.	Evaluate the expression $4a + 1$ when $a = 1$	<b>5</b>
8.	Evaluate the expression $5b - 3$ when $b = 4$	<b>17</b>
9.	Evaluate the expression $2x + 5$ when $x = 2$	<b>9</b>
10.	Evaluate the expression $4a + 1$ when $a = 2$	<b>9</b>