

Variables & Expressions

Grades 7-8 • Working with variables and writing algebraic expressions

Name: _____

Date: _____

1. Evaluate $4b - b$ when $b = 5$

Answer: _____

2. Write an expression for: 5 times a number

Answer: _____

3. What is/are the variable(s) in the expression $2y - 7$?

Answer: _____

4. Evaluate $3a + 2a$ when $a = 2$

Answer: _____

5. Write an expression for: twice a number plus 6

Answer: _____

6. Evaluate $5y - 1$ when $y = 3$

Answer: _____

7. Write an expression for: twice a number plus 6

Answer: _____

8. What is/are the variable(s) in the expression $n/3$?

Answer: _____

9. What is/are the variable(s) in the expression $n/3$?

Answer: _____

10. Evaluate $x/2 + 6$ when $x = 8$

Answer: _____

Answer Key

1.	Evaluate $4b - b$ when $b = 5$	15
2.	Write an expression for: 5 times a number	$5x$
3.	What is/are the variable(s) in the expression $2y - 7$?	y
4.	Evaluate $3a + 2a$ when $a = 2$	10
5.	Write an expression for: twice a number plus 6	$2x + 6$
6.	Evaluate $5y - 1$ when $y = 3$	14
7.	Write an expression for: twice a number plus 6	$2x + 6$
8.	What is/are the variable(s) in the expression $n/3$?	n
9.	What is/are the variable(s) in the expression $n/3$?	n
10.	Evaluate $x/2 + 6$ when $x = 8$	10