

Variables & Expressions

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

Name: _____

Date: _____

1. Evaluate $2x + 3$ when $x = 4$

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

5. What is/are the variable(s) in the expression $3x + 5$?

Answer: _____

6. What is/are the variable(s) in the expression $3x + 5$?

Answer: _____

7. Write an expression for: a number divided by 4

Answer: _____

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

Answer: _____

9. What is/are the variable(s) in the expression $a + 4b$?

Answer: _____

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

Answer: _____

Answer Key

1.	Evaluate $2x + 3$ when $x = 4$	11
2.	Evaluate $2x + 3$ when $x = 4$	11
3.	What is/are the variable(s) in the expression $2y - 7$?	y
4.	Evaluate $x/2 + 6$ when $x = 8$	10
5.	What is/are the variable(s) in the expression $3x + 5$?	x
6.	What is/are the variable(s) in the expression $3x + 5$?	x
7.	Write an expression for: a number divided by 4	$x/4$
8.	Evaluate $4b - b$ when $b = 5$	15
9.	What is/are the variable(s) in the expression $a + 4b$?	a and b
10.	What is/are the variable(s) in the expression $2y - 7$?	y