

Variables & Expressions

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

Name: _____

Date: _____

1. What is/are the variable(s) in the expression $5m$?

Answer: _____

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

Answer: _____

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

Answer: _____

4. What is/are the variable(s) in the expression $5m$?

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

Answer Key

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