



Name _____ Class _____ Date _____

AFTER THIS WORKSHEET YOU CAN

- ✓ Understand a variable as a symbol for an unknown number.
- ✓ Evaluate expressions by substituting a value.
- ✓ Identify the coefficient of a term.
- ✓ Write simple algebraic expressions.



Section A · Concept Check

• BEGINNER

$4 \times 1 = 4$

- If $x = 8$, then $x + 12 = ?$
☐ A. 20 ☐ B. 96 ☐ C. 4 ☐ D. 18
- If $y = 3$, then $6y - 1 = ?$
☐ A. 18 ☐ B. 17 ☐ C. 9 ☐ D. 5
- The coefficient in the term $7y$ is:
☐ A. y ☐ B. 7 ☐ C. $7y$ ☐ D. 1
- If $a = 10$, then $2a + 5 = ?$
☐ A. 25 ☐ B. 17 ☐ C. 210 ☐ D. 20



Section B · Problem Solving

• INTERMEDIATE

$2 + 3 \times 3 = 11$

- A letter that stands for an unknown number is called a _____.
- The number multiplying a variable is the _____.
- If $x = 8$, evaluate $x + 12$.

- If $y = 3$, evaluate $6y - 1$.

- If $a = 10$, evaluate $2a + 5$.



Section C · Challenge

• CHALLENGE

5

- What is the coefficient in the term $7y$?

Reflection — the most useful thing I learned: _____

A ___/4 B ___/11 C ___/5 Total ___/20

Teacher's Signature _____

Parent's Signature _____

ANSWER KEY — FOLD OR CUT BEFORE HANDING OUT

1-A 2-B 3-B 4-A | 5 variable 6 coefficient 7 = 20 8 = 17 9 = 25 | 10 = 7