Introduction to Algebraic Notation

Name: _____ Date: _____

📝 Remember:

- Write the number (coefficient) before the letter: **3 × a = 3a**
- Don't write the multiplication sign between a number and letter: **4b** not 4 × b
- When the coefficient is 1, we don't write it: **x** not 1x

Part A: Simplify these expressions

Write each expression using correct algebraic notation.

1. 5 × y = _____
2. a × 7 = _____
3. 1 × m = _____
4. 9 × p = _____
5. x × 6 = _____
6. 8 × n = _____
7. b × 3 = _____
8. 1 × k = _____

Part B: Write in algebraic form

Write each statement using algebraic notation.

1. Four multiplied by t = _____
2. The product of 6 and h = _____
3. Seven times c = _____
4. d multiplied by 2 = _____
5. Twelve lots of w = _____
6. g times 5 = _____

Part C: True or False?

Circle whether each statement is correct.

1. 3 × x can be written as 3x	**TRUE / FALSE**
2. m × 5 should be written as m5	**TRUE / FALSE**
3. 1 × y is the same as y	**TRUE / FALSE**
4. a × 4 = 4a	**TRUE / FALSE**
5. We should write 8k as k8	**TRUE / FALSE**

Part D: Challenge

Write these more complex expressions using correct algebraic notation.

1. $2 \times a + 3 \times a =$ _____

2. $5 \times x - 1 \times x =$ _____

3. $4 \times b + 6 =$ _____

4. $7 \times m - 2 =$ _____