

Writing Algebraic Expressions from Words

Name: _____

Date: _____

Instructions: Write an algebraic expression or equation for each statement below. Use the variable given in brackets.

Section A: Simple Expressions

1. A number increased by 7 (use n)

Expression: _____

2. The product of 5 and a number (use x)

Expression: _____

3. 12 less than a number (use m)

Expression: _____

4. A number divided by 3 (use p)

Expression: _____

5. 8 times a number, minus 4 (use y)

Expression: _____

Section B: Word Problems

6. Sarah is 3 years older than twice her brother's age (use b for brother's age)

Expression: _____

7. The cost of hiring a bike is \$15 plus \$8 per hour (use h for hours)

Expression: _____

8. The perimeter of a rectangle with length 12 cm and width w cm

Expression: _____

9. Three consecutive numbers (use n for the first number)

Expression: _____

Section C: Write Equations

10. A number increased by 9 equals 24 (use n)

Equation: _____

11. Five times a number minus 7 is equal to 28 (use x)

Equation: _____

12. The sum of a number and 15 is 42 (use t)

Equation: _____