

Name _____

Date _____

Write Algebraic Expressions

G6

Writing algebraic expressions involves using numbers, variables, and operations to represent real-world situations mathematically. It helps students solve problems, understand patterns, and express relationships clearly in math and everyday contexts.

Q1 Write an algebraic expression for the sum of a number and 7.

A. $x + 7$

B. $x - 7$

C. $7x$

D. $x \div 7$

Q2 Write an algebraic expression for twice a number.

A. $x + 2$

B. $2x$

C. x^2

D. $x - 2$

Q3 Write an algebraic expression for the difference between a number and 5.

A. $x + 5$

B. $x \times 5$

C. $x - 5$

D. $5 - x$

Q4 A family rents a boat for x hours. If the cost is \$15 per hour, what is the algebraic expression for the total cost?

A. $15x$

B. $x + 15$

C. $15 \div x$

D. $x - 15$

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Write Algebraic Expressions - Answer Key**Q1****A****Q2****B****Q3****C****Q4****A**