

Name _____

Date _____

Write Equations In One Variable

G6

Writing equations in one variable helps solve problems by representing unknowns with symbols. It teaches students to organize information, find solutions, and understand relationships between numbers in real-life situations and mathematical expressions.

Q1 Write an equation to represent the statement: The sum of a number and 7 is 12.

A. $x + 7 = 12$

B. $x - 7 = 12$

C. $x + 12 = 7$

D. $x - 12 = 7$

Q2 Write an equation for the following: A number decreased by 3 equals 10.

A. $x - 3 = 10$

B. $x + 3 = 10$

C. $x + 10 = 3$

D. $x - 10 = 3$

Q3 Write an equation to represent: Twice a number is 14.

A. $2 - x = 14$

B. $2x = 14$

C. $2 + x = 14$

D. $x - 2 = 14$

Q4 Write an equation to represent: Twice a number is 20.

A. $2 - x = 20$

B. $20 - x = 2$

C. $2x = 20$

D. $4x = 20$

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Write Equations In One Variable - Answer Key**Q1****A****Q2****A****Q3****B****Q4****C**