

Name _____

Date _____

Multiplication Property of Equality

G6

The **Multiplication Property of Equality** states that if you multiply both sides of an equation by the same non-zero number, the equation remains true. This property helps solve equations by isolating variables.

Q1 If $x \div 3 = 5$, what operation would you use to solve for x ?

- A.** Add 3 to both sides **B.** Subtract 3 from both sides
C. Multiply both sides by 3 **D.** Divide both sides by 3

Q2 Using the Multiplication Property of Equality, solve: $y \div 4 = 7$

- A.** $y = 3$ **B.** $y = 28$
C. $y = 11$ **D.** $y = 1.75$

Q3 If $2x = 10$, what is x ?

- A.** $x = 5$ **B.** $x = 8$
C. $x = 12$ **D.** $x = 20$

Q4 Choose the correct next step to solve: $n \div 6 = 9$

- A.** Add 6 to both sides. **B.** Subtract 6 from both sides.
C. Multiply both sides by 6. **D.** Divide both sides by 6.

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Multiplication Property of Equality - Answer Key**Q1 C****Q2 B****Q3 A****Q4 C**