

Distributive Property: Breaking Apart

BibleMouse.com

Understanding Multiplication

Name: _____

Date: _____

Answer the following questions based on the lesson about the distributive property.

1. What is the distributive property?
 - A. A way to divide numbers
 - B. A way to break apart numbers for multiplication
 - C. A property of addition
2. Breaking numbers helps us multiply by making them ____ parts.
3. How can breaking 7×6 into $(5 \times 6) + (2 \times 6)$ help us?

4. Which of these is an example of breaking apart numbers for multiplication?
 - A. $8 \times 4 = 32$
 - B. $9 \times 5 = (5 \times 5) + (4 \times 5)$
 - C. $6 \times 3 = 18$

5. Match the multiplication problem to its broken apart form.

7×6

$(5 \times 6) + (2 \times 6)$

9×4

$(5 \times 4) + (4 \times 4)$

6. Proverbs 3:19 tells us that Yahweh founded the earth by ____ and established the heavens by ____ .
7. Why is it important to use the distributive property in math?

8. What does breaking apart numbers help us to do?
 - A. Make problems harder
 - B. Solve problems faster
 - C. Forget the rules

9. What can we learn about God's creation from the orderly design in math?

10. Using the distributive property shows us God's orderly design in ____.

Answer Key

1. A way to break apart numbers for multiplication 2. friendlier 3. It makes the problem easier to solve. We can do simpler parts. 4. $9 \times 5 = (5 \times 5) + (4 \times 5)$ 5. $7 \times 6 = (5 \times 6) + (2 \times 6)$ 6. wisdom, understanding 7. It helps us solve multiplication problems more easily and quickly. 8. Solve problems faster 9. God uses wisdom to create order, and math helps us organize numbers in a similar way. 10. mathematics