

Name _____

Multiplication Properties

You can use the Properties of Multiplication to help you find products.

Commutative Property of Multiplication

You can multiply any two numbers in any order.

$$2 \times 3 = 3 \times 2$$

Identity Property of Multiplication

When you multiply any number by 1, the product is that number.

$$7 \times 1 = 7$$

Zero Property of Multiplication

When you multiply any number by 0, the product is also 0.

$$3 \times 0 = 0$$

1. $7 \times 3 = 3 \times$ _____ 2. $4 \times 0 =$ _____

3. $5 \times 4 = 4 \times$ _____ 4. $2 \times 1 =$ _____

5. $0 \times 7 =$ _____ 6. $8 \times 3 = 3 \times$ _____

7. $9 \times 1 = 1 \times$ _____ 8. $1 \times 5 =$ _____

9. **Number Sense** How do you know that $35 \times 5 = 5 \times 35$ without finding products?

10. **Writing to Explain** Explain how you know that in $? \times 6,273 = 6,273$, the ? will be 1.
