CogniMath
Multiplication & Division — Basics Worksheet

What is Multiplication?

Multiplication means repeated addition. Example: 4 × 3 = 12

because you add 4 three times (4 + 4 + 4). **What is Division?**

Division means splitting a number into equal groups. Example: 12 ÷ 3 = 4 because 12 is shared equally into 3 groups.

Rules & Properties

• Commutative Property (Multiplication): a × b = b × a
• Identity Property (Multiplication): a × 1 = a
• Zero Property: a × 0 = 0
• Division is NOT commutative: a ÷ b ≠ b ÷ a
• Dividing by 1 does not change a number: a ÷ 1 = a

Practice Problems

1) 4 × 3 = _____

2) 12 ÷ 4 = _____

3) 6 × 5 = _____

4) 20 ÷ 5 = _____

5) 9 × 2 = _____

6) 18 ÷ 3 = _____

7) 7 × 8 = _____

8) 24 ÷ 6 = _____

Challenge Questions

1) $14 \times 6 =$ _____

2) $144 \div 12 =$ _____

3) $23 \times 4 =$ _____

4) $81 \div 9 =$ _____

5) $35 \times 7 =$ _____

6) $96 \div 8 =$ _____