

Multiplication Patterns

P 2-1

Find each product. Use patterns and properties to compute mentally.

1. $40 \times 20 =$

2. $50 \times 700 =$

3. $20 \times 2 \times 30 =$

4. $2 \times 50 \times 30 =$

5. $250 \times 37 \times 4 =$

6. $20 \times 65 \times 5 =$

7. How many calories are in 10 peaches?

8. How many calories are in 5 apples?

9. Callie ate 3 oranges each day for 10 days.

How many calories did all of these oranges have? _____

10. **Algebra** $m \times n = 6,300$. If m and n are 2-digit multiples of 10, what numbers could m and n be?

Calories in Fruit

Fruit (1 piece)	Calories
Apple	80
Orange	60
Peach	35

Test Prep

11. Which of the following has a product of 1,600?

A. $4,000 \times 400$

B. 4×400

C. 400×400

D. 40×400

12. **Writing in Math** Write a definition for the Associative Property of Multiplication in your own words and explain how you would use it to compute $4 \times 27 \times 25$ mentally.
