



Name _____ Date _____

Hands On: Multiplication Patterns with 10, 100, and 1,000

CA Standards
KEY NS 2.4, MR 1.1

Use a basic fact and patterns to find the product.

1. Rebecca has 4 boxes of 20 cookies. She wants to know the total number of cookies. Which basic fact must she know to compute the total? What is the total?

3. Marnie needs 4,000 flowers for a wedding. She has 6 boxes of 400 flowers. How many more flowers does she need?

5. Seth bikes 3 miles in 10 minutes and 30 miles in 100 minutes. Use a pattern to find out how many miles Seth bikes in 1,000 minutes? Is this realistic?

2. Jeremy is at a theater. There are 5 rows with 20 seats in each row. He knows that $5 \times 2 = 10$. How can he use this fact to find the total number of seats in the theater?

4. Dave has 5 albums with 70 photos in each album. Jake has 8 albums with 90 photos in each album. How many photos do Dave and Jake have altogether?

6. In 10 jumps on her pogo stick, Basia covered a distance of 20 feet. In 100 jumps, she went 200 feet. In 1,000 jumps, she went 2,000 feet. What distance does Basia cover with each jump on her pogo stick?
