Name _____ Date _____ Period _____

LESSON 6-3 · WARM-UP

Warm-Up Practice

Explore Numerical Expressions with Exponents

THE MOVE

what this page practices

Multiply a repeated factor to find its value

Multiply two factors, then multiply that product by the next factor. Work left to right.

WORKED MODEL

we do this one together

Step 1	2 × 2 × 2 × 2
Step 2	= _____ × 2 × 2
Step 3	= _____ × 2
Step 4	= _____

YOUR TURN

8 items · about 10 minutes

1. 2 × 2 × 2 = _____

ANSWER _____

2. 3 × 3 × 3 = _____

ANSWER _____

3. 5 × 5 = _____

ANSWER _____

4. 4 × 4 × 4 = _____

ANSWER _____

5. 10 × 10 = _____

ANSWER _____

6. 10 × 10 × 10 = _____

ANSWER _____

7. The same factor is used 2 times and the product is 36. The factor is _____

ANSWER _____

8. 5 × 5 × 5 uses the factor 5 _____ times, and the product is _____

ANSWER _____