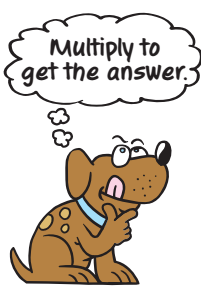


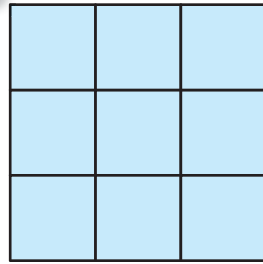
Exponents

Name _____

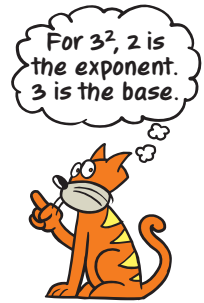
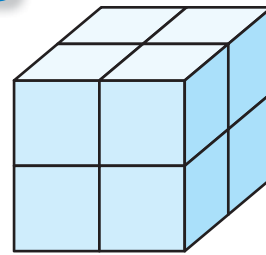
Key Concept and Vocabulary



3 squared → $3^2 = 3 \times 3$



2 cubed → $2^3 = 2 \times 2 \times 2$



PRACTICE MAKES PURR-FECT™

Check your answers at BigIdeasMath.com.

Write the answer in .

1. $4^2 =$ 4 \times 4
 $=$ 16

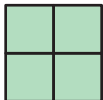
2. $6^2 =$ 6 \times 6
 $=$ 36

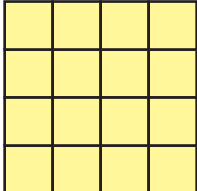
3. $3^3 =$ 3 \times 3 \times 3
 $=$ 27

Draw lines to match the expression with the words.

4. 5^2 ● ● Four squared
5. 4^2 ● ● Four cubed
6. 4^3 ● ● Five cubed
7. 5^3 ● ● Five squared
-

Use an exponent to write the area.

8.  Area = 2² square units

9.  Area = 4² square units

10. **FILLING A BOX** How many small boxes can be put in the big box?

Use an exponent to write your answer.

3³ small boxes

