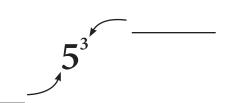
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Date:

Fill in the blanks.

## Intro to Exponents

1 Label the parts of this expression.



is raised to the \_\_\_\_\_ power.

If a number is "squared" that means it

If a number is "cubed" that means it is raised to the \_\_\_\_\_ power.

Re-write this repeated multiplication in exponent form.

$$7 \times 7 \times 7 \times 7$$

Re-write this repeated multiplication in exponent form.

$$2 \times 2 \times 2 \times 2 \times 2 \times 2$$

5 Calculate these "squares". (Hint: Use your multiplication table.)

$$6^2 = 7^2 =$$

$$9^2 = 12^2 =$$

Calculate this exponent.

$$3^{3} =$$

**7** Calculate this exponent.

$$14^2 =$$

Calculate this exponent.

$$10^4 =$$

Use the exponent button (x<sup>y</sup>) on a calculator to find the value of this exponent.



Use the exponent button (x<sup>y</sup>) on a calculator to find the value of this exponent.

 $5^7 =$ 

