

Close and Check



Focus Question

Why might you use powers of 10 to write numbers?



Do you know **HOW**?

1. Order the numbers from least to greatest.

Least

7.29×10^0

7.29×10^{-5}

7.29×10^3

7.29×10^{-3}

Greatest

2. Circle the numbers that are expressed in scientific notation.

34.5×10^7

5.02×10^3

2×10^9

0.4×10^1

3. Write 745,000 in scientific notation.



Do you **UNDERSTAND**?

4. **Reasoning** Explain the strategy you used to order the numbers in Exercise 1.

5. **Vocabulary** How is scientific notation useful in mathematics?
