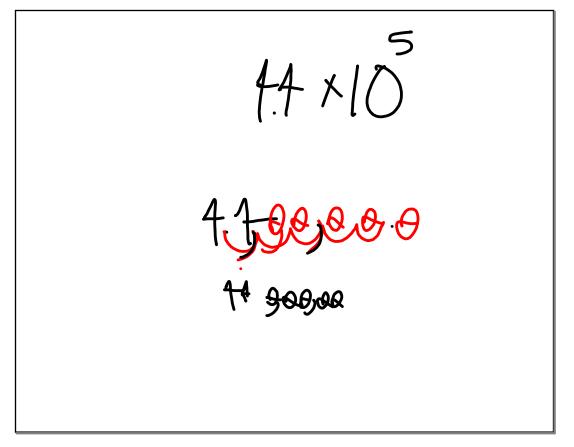
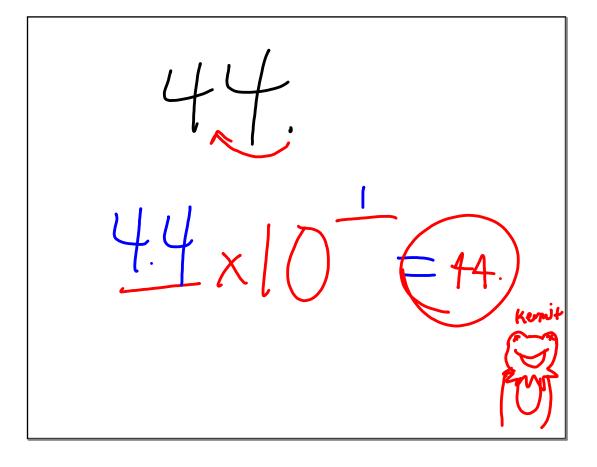


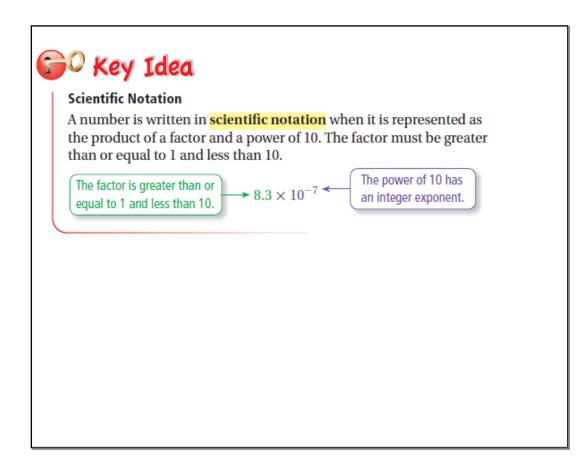
4.4×16 -0.0006 e. eee tt

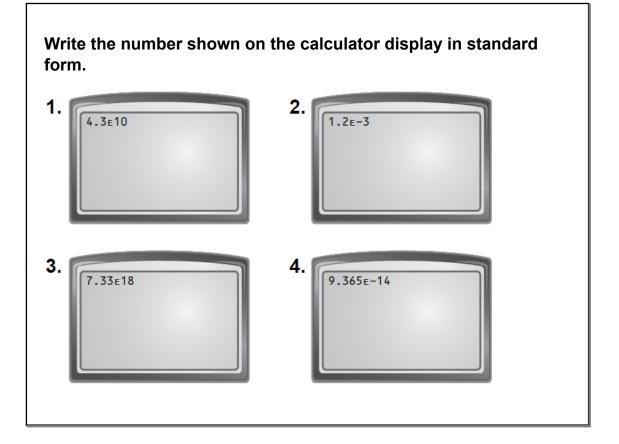


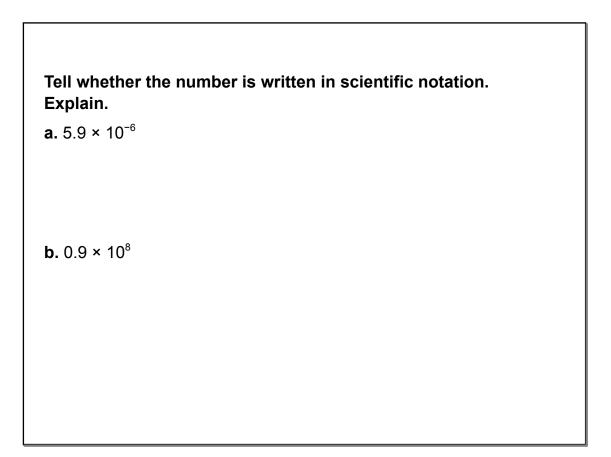




How can you read numbers that are written in scientific notation?



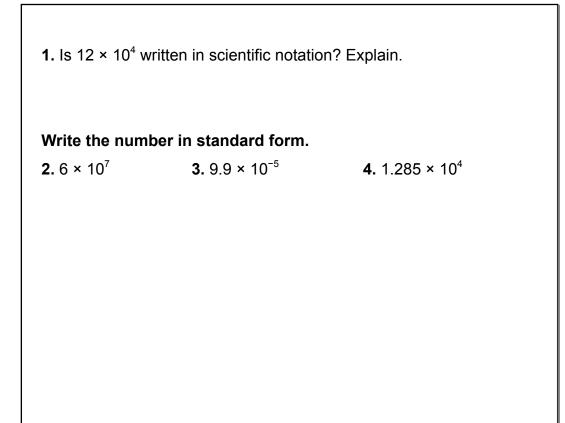


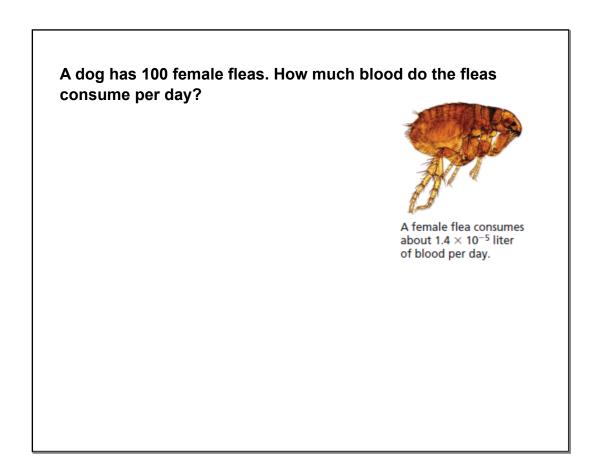


Key Idea Writing Numbers in Standard Form The absolute value of the exponent indicates how many places to move the decimal point. If the exponent is negative, move the decimal point to the left. If the exponent is positive, move the decimal point to the right.

a. Write 3.22×10^{-4} in standard form.

b. Write 7.9 \times 10⁵ in standard form.



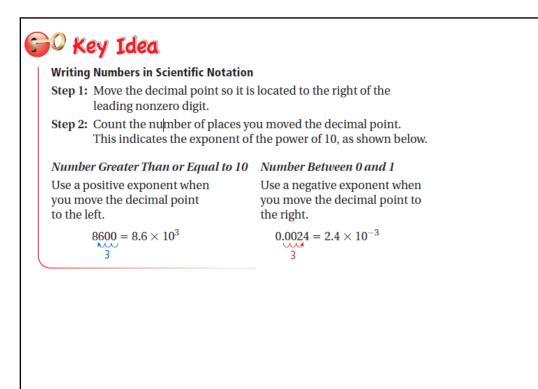


 Write the number in scientific notation.

 1. 0.00034
 2. 6,750,000

 3. 0.00000007
 4. 125,000

 5. 15,200,000,000
 6. 0.0000000917

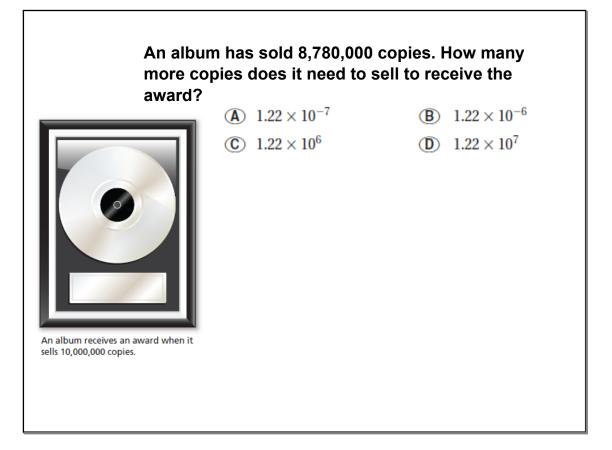


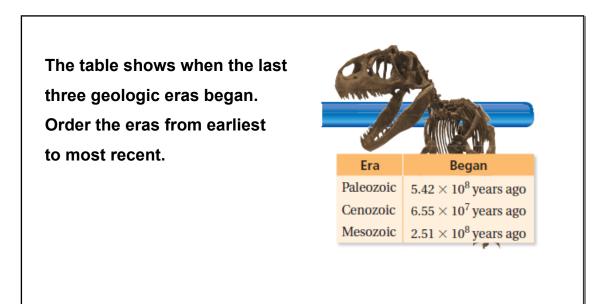
Elon Musk purchased Twitter for \$44,000,000,000. Write this number in scientific notation.

Google purchased YouTube for \$1,650,000,000. Write this number in scientific notation.

The 2004 Indonesian earthquake slowed the rotation of Earth, making the length of a day 0.00000268 second shorter. Write this number in scientific notation.

Write the num 1. 50,000	ber in scientific notation. 2. 25,000,000	3. 683
4. 0.005	5 . 0.0000033	6. 0.000506





The land area of Virginia is about 39,500 square miles. The land area of Alaska is about 570,000 square miles. The United States land area is about 3,500,000 square miles. Write each of these in scientific notation.

