MULTIPLYING NUMBERS IN SCIENTIFIC NOTATION

LEARNING GOAL

1. I can multiply numbers that are in scientific notation.

ASSIGNMENT

Find each product using scientific notation. **Show all of the steps to receive credit!**

EXAMPLE 1

Find the product using scientific notation:

$$4 \cdot 10^3 \cdot 5 \cdot 10^8$$

EXERCISE 1

Find the product using scientific notation:

$0.00053 \cdot 7000000$

EXERCISE 1

Find the product using scientific notation:

$$3 \cdot 10^{11} \cdot 9 \cdot 10^3$$

EXERCISE 2

Find the product using scientific notation:

$$1.2 \cdot 10^{-5} \cdot 7 \cdot 10^{-4}$$

EXERCISE 3

Find the product using scientific notation:

$32,000 \cdot 0.0000005$