$$(\ ) \cdot 10^{?}$$

Algebra 1   7.4
Express numbers in scientific notation*
Find products and quotients of numbers in scientific notation
scientific notation
exponent 2.71×10^{5}
standard form

activity: triangle puzzles $271,000$
         whiteboards

Express each number in scientific notation

$\boxed{+10}$
-10

1A. $\boxed{68.7}00,000,000$

687

6.87×10^{10}

1B. $0.\underline{0000725}$ $\overset{5}{}$ -5

7.25×10^{-5}

Express each number in standard form

2A. 3.201×10^6

2B. 9.03×10^{-5}

Evaluate each quotient. Express the results in both scientific notation and standard form.

4A. $\dfrac{2.3958 \times 10^3 - 8}{1.98 \times 10^8}$

1.21×10^{-5}

4B. $\dfrac{1.305 \times 10^3}{1.45 \times 10^{-4}}$ $\quad 3--4$

$0.9 \times 10 \quad 7-1$

9×10^6

Triangle puzzles