Algebra 1   7.4
Express numbers in scientific notation*
Find products and quotients of numbers in scientific notation
scientific notation
exponent
standard form

$$\left(\quad \right) \times 10$$

activity: triangle puzzles
          whiteboards

2.6000000000

2.6×10^{-9} 2.6×10^{9}

3.7×10^{4}

$37{,}000$

Express each number in scientific notation

1A. 68,700,000,000

1B. 0.0000725

Express each number in standard form

2A. 3.201×10^6 **2B.** 9.03×10^{-5}

3 -- 4

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

4A. $\dfrac{2.3958 \times 10^3}{1.98 \times 10^8}$ 10 10 10 10 10 10 10 10 10 10 10 4B. $\dfrac{1.305 \times 10^3}{1.45 \times 10^{-4}}$

$7\overset{+1}{\textcircled{1}}$

0.9×10^{7}

9×10^{6}

$9,000,000$

1.21×10^{-5}

.0000121

10 10 10 10 10 10 10 10 10

$.106 \times 10^{\triangle}$

$722 \times 10^{12} \overset{+1}{\textcircled{}}$ $^{-1}$

$2.176641732 \times \textcircled{10}^{13}$

$21,766,417,220,000$

Triangle puzzles