

Write each number in standard form.

a.) 3.2×10^7

b.) 8.69×10^{-5}

c.) 3.2×10^5

Standard Form \longrightarrow Scientific Notation
0.0763 $c \times 10^n$

1.) Put decimal after 1st **nonzero** number & copy all digits after. **(c)**

2.) Count how many places the decimal was moved.

3.) If number was a decimal, exponent is negative. If number was a whole number, exponent is positive. **(n)**

4.) Write answer as $c \times 10^n$.

Write the numbers in scientific notation.

d.) 1,250

e.) 205,000

f.) 0.00035

Write the number in standard form.

g.) 5.3×10^4

h.) 7.2×10^{-2}

Order the numbers from least to greatest.

i.) 2400, 2.5×10^2 , 2.3×10^3

State whether the expressions are written in scientific notation.

j.) 3.46×10^8

k.) 4.02×10^{-3}

l.) 55.7×10^9



1.) Is 81×10^4 in scientific notation? _____

2.) Write 1.25×10^2 in standard form. _____

3.) Write 4.35×10^{-2} in standard form. _____