Name:_____ Date:_____ Pd:____

Scientific Notations to Standard Numbers
(**Negative Exponent**)

Example:

Write 8.76×10^{-2} in standard notation.

Here the exponent is -2. We should move the decimal point 2 places to the left.

$8.76 \times 10^{-2} = \mathbf{0.0876}$

Express each number in standard notation.

5.4×10^{-4} = _____

3.66×10^{-3} = _____

3.114×10^{-2} = _____

1.3×10^{-5} = _____

6.43×10^{-7} = _____

9×10^{-4} = _____

2.7×10^{-6} = _____

5×10^{-3} = _____

6.708×10^{-5} = _____

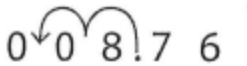
Name:_____ Date:_____ Pd:____

Scientific Notations to Standard Numbers
(**Negative Exponent**)

Example:

Write 8.76×10^{-2} in standard notation.

Here the exponent is -2. We should move the decimal point 2 places to the left.



8.76×10^{-2} = **0.0876**

Express each number in standard notation.

5.4×10^{-4} = 0.00054

3.66×10^{-3} = 0.00366

3.114×10^{-2} = 0.03114

1.3×10^{-5} = 0.000013

6.43×10^{-7} = 0.000000643

9×10^{-4} = 0.0009

2.7×10^{-6} = 0.0000027

5×10^{-3} = 0.005

6.708×10^{-5} = 0.00006708