



# L51 Scientific Notation

Coefficient x power of 10

decimal #  
w/ one non-zero digit  
the left of  
the decimal

1.2  
9.754  
3.25

$10^2$   
 $10^3$   
 $10^5$   
 $10^{10}$

$$10^0 \rightarrow 1$$

$$10^1 \rightarrow 10$$

$$10^2 \rightarrow 100$$

$$10^3 \rightarrow 1000$$

$$10^4 \rightarrow 10,000$$

$$10^5 \rightarrow 100,000$$

$$10^6 \rightarrow 1,000,000$$

$$4. \times 10^{\underline{4}}$$

40,000

$$3.29 \times 10^8$$

329,000,000

249,000,000

$$2.49 \times 10^9$$

1.23000120000000

$$1.2300012 \times 10^{13}$$

L51 #3, 5-7, 10,  
21-26 ☺