

Scientists use scientific ~~nation~~ notation
to express very large or very
small numbers easier.

base X 10^{Power}

Only have 1
number to the
left of the decimal

7000000

$$7.0 \times 10^6$$

$$7 \times 10^6$$

6050000000

$$6.05 \times 10^9$$

$$6.05 \times 10^9$$

9400000000.

$9,4 \times 10^8$



$\cdot 9.4 \times 10^8$

1230000000000000000 1.23×10^{15}



1.23×10^{15}

$$0.3 \quad 3.0 \times 10^{-1}$$



0.552

5.52×10^{-1}



0.0012

1.2×10^{-3}



0.004

4.0×10^{-3}



4.0×10^{-3}

$$2.3 \times 10^2$$

230



$$4.68 \times 10^4$$

46,800



$$5.1067 \times \boxed{}$$

5.10670

510670

510670

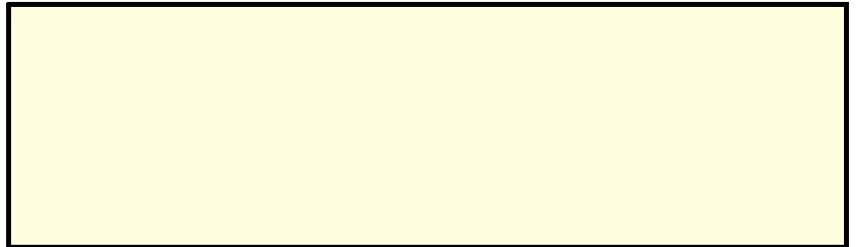
$$1 \times 10^3$$

1000



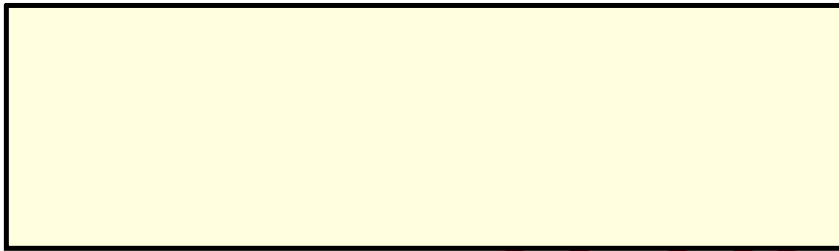
$$5.4 \times 10^{-4}$$

5.4 .00054



$$3.66 \times 10^{-3}$$

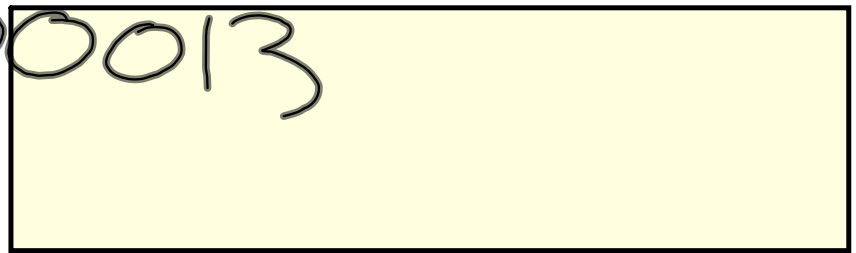
.00366



0.00366

$$1.3 \times 10^{-5}$$

0.0000013



0.0000013

$$3.114 \times 10^{-2}$$

0.0314

