

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

base X 10^{Power}

70000000

$$7 \times 10^6$$



6050000000

6.05×10^9



6.05×10^9

940000000

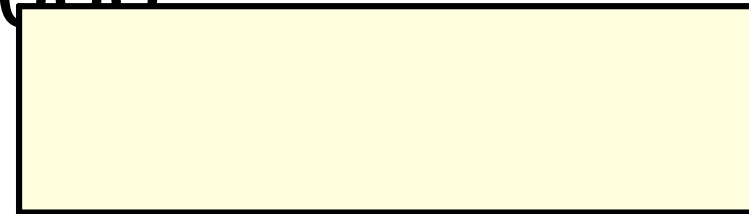
9.4×10^8



9.4×10^8

1230000000000000

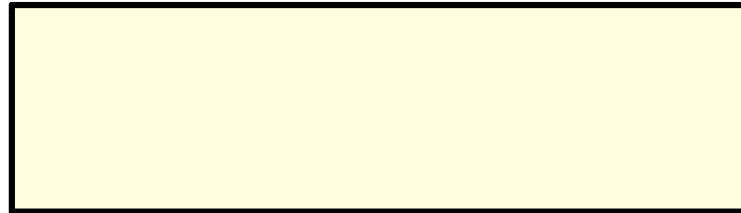
$$1.23 \times 10^{15}$$



$$1.23 \times 10^{15}$$

0.3

3×10^{-1}



3.0×10^{-1}

0.552

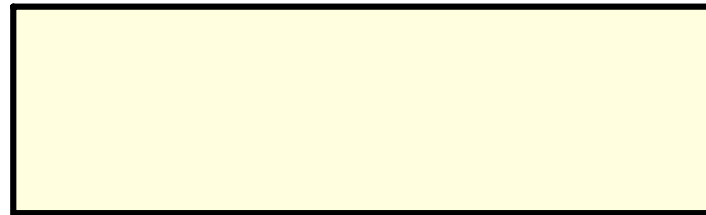
5.52 × 10⁻¹



5.52 × 10⁻¹

0.0012

$$1.2 \times 10^{-3}$$

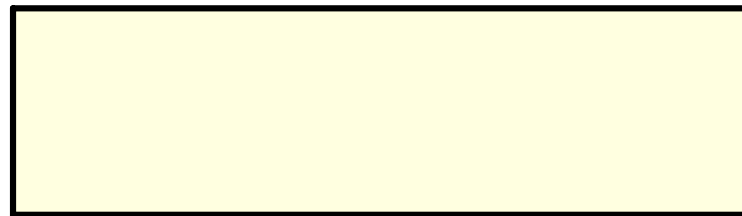


/

$$1.2 \times 10^{-3}$$

0.004

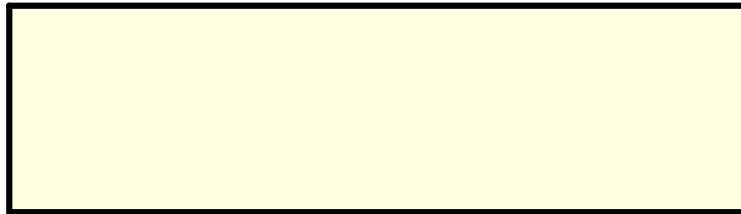
4×10^{-3}



4.0×10^{-3}

$$2.3 \times 10^2$$

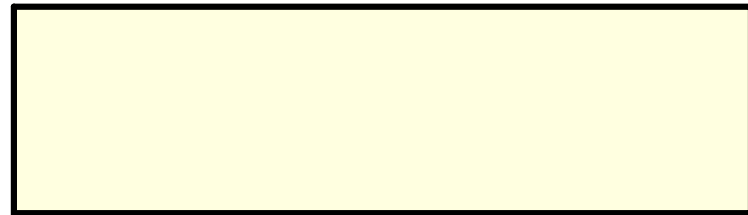
230



230

$$4.68 \times 10^4$$

46800



46800

$$5.1067 \times 10^5$$

510670



510670

$$1 \times 10^3$$

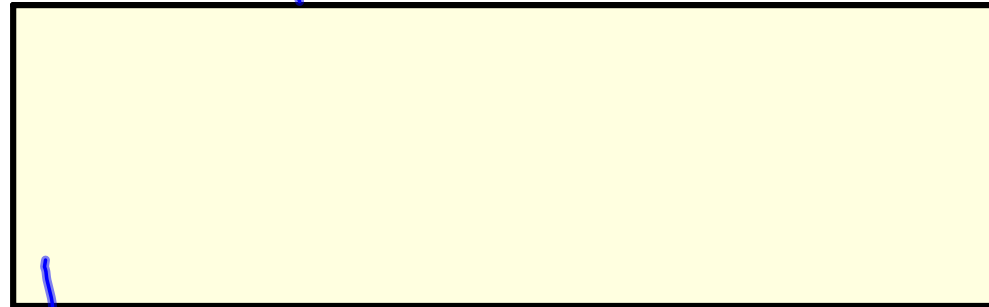
1000



1000

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

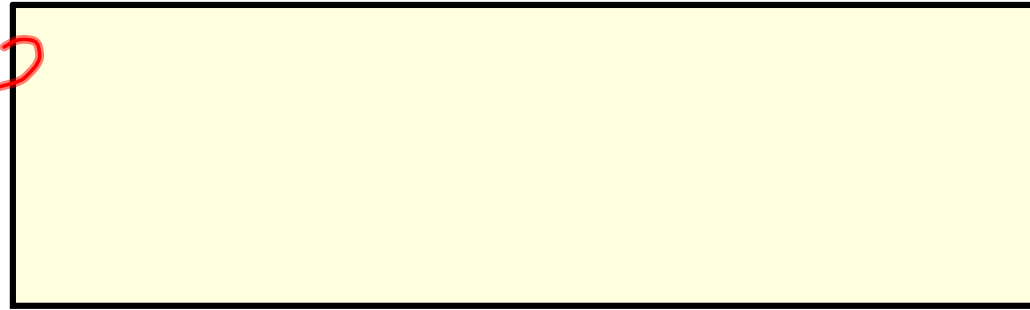
0.00054



0.00054

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

.00366



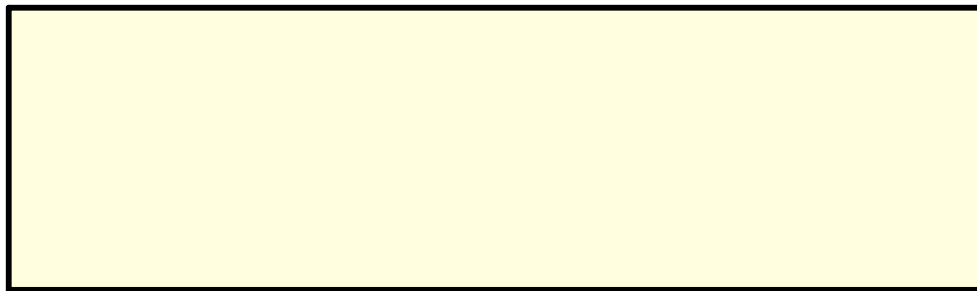
0.00366

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

.000013

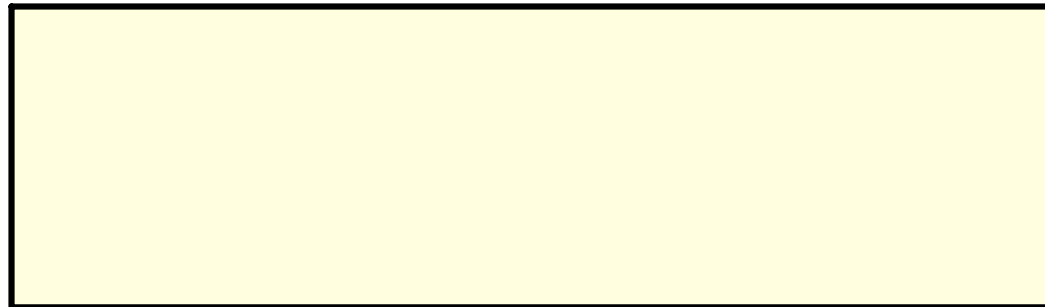
∴

0.000013



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

0.03114



0.03114