

Name: _____

Circle The Period: 3/4/8

Exercise 1: Is the number written in scientific notation? If not, explain.

- $53 \cdot 10^4$
- $3.42 \cdot 10^{-7}$
- $0.35 \cdot 100$

Exercise 2: Write these in scientific notation

- 678,000
- 0.000032
- 51,400,000
- 0.0000007

Exercise 3: Write in standard notation

- $5.23 \cdot 10^7$
- $4.6 \cdot 10^{-5}$
- $2.09 \cdot 10^{-4}$
- $3.8 \cdot 10^{12}$

Exercise 4: Arrange these atom part weights from smallest to the largest

- neutron: $1.675 \cdot 10^{-24}$
- electron: $9.109 \cdot 10^{-28}$
- proton: $1.673 \cdot 10^{-24}$

Review the rest of the homework at: <http://theprofessort.com/lesson-2-scientific-notation/>