

**Physical Science**  
**Scientific / Engineering Notation**

Name: \_\_\_\_\_ Block: \_\_

The following table shows numbers written four ways: standard, calculator, scientific, and engineering. Assuming that they all represent some number of Smoots, fill in the missing columns for each row! The first row shows you an example.

Standard number	Calculator	Scientific	Engineering
2,000,000,000	2E9	$2 \times 10^9$	2 GigaSmoots
	6.4E9		
350,000			
	2.3E3		
			642 MegaSmoots
	64.2E7		
	6.24E8		

Level 1:

Standard number	Calculator	Scientific	Engineering
0.000 003	3E-6	$3 \times 10^{-6}$	2 microSmoots
	6.4E-9		
			3.2 nanoSmoots
	3.2E-8		
	3.2E-7		