

**MATH HANDBOOK TRANSPARENCY WORKSHEET****1****Scientific Notation**Use with Appendix B,  
Scientific Notation

1. Express each of the following numbers in scientific notation.

a. 230  
\_\_\_\_\_b. 5601  
\_\_\_\_\_c. 14 100 000  
\_\_\_\_\_d. 56 million  
\_\_\_\_\_e.  $\frac{2}{10}$   
\_\_\_\_\_f. 0.450 13  
\_\_\_\_\_g. 0.089  
\_\_\_\_\_h. 0.000 26  
\_\_\_\_\_i. 0.000 000 698  
\_\_\_\_\_j. 12 thousandth  
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2. Express each of the following measurements in scientific notation.

a. speed of light in a vacuum, 299 792 458 m/s  
\_\_\_\_\_b. number of seconds in a day, 86 400 s  
\_\_\_\_\_c. mean radius of Earth, 6378 km  
\_\_\_\_\_d. density of oxygen gas at 0°C and pressure of 101 kPa, 0.001 42 g/mL  
\_\_\_\_\_e. radius of an argon atom, 0.000 000 000 098 m  
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