

Name: _____

Date: _____

Assignment Handout**Example** Write each number in scientific notation

- a. 0.000 000 6 sec b. 5 400 000 kg c. 0.009 mg d. 273 million km
- e. 71×10^3 L f. 312×10^{-5} mL g. 48 900 years h. 6.7 m
- i. 0.000 216 ms j. 65.2 million s k. 0.000 000 9 mm l. 0.015×10^{-3} mL

Example Write each number in standard notation. Make note of which questions are written in scientific notation.

- a. 9.0×10^{-2} m b. 38×10^6 s c. 0.0652×10^{-2} mg d. 8.4×10^5 years
- e. 7.75×10^{-1} mg f. 1.5×10^{-2} mL g. 4×10^0 m h. 804×10^4 kg
- i. 4×10^{-5} j. 9.052×10^{-7} s k. 1.71×10^7 km l. 8.04×10^4 L