

Work each of the following problems. SHOW ALL WORK.

7. Convert 1.5 seconds to milliseconds.

8. Convert 6,400,000 milligrams to kilograms.

9. Convert the following numbers from standard notation to scientific notation:

$$-3,600,000,000 = \underline{\hspace{2cm}}$$

$$0.000033 = \underline{\hspace{2cm}}$$

$$48,000,000 = \underline{\hspace{2cm}}$$

$$-0.000000053 = \underline{\hspace{2cm}}$$

10. Convert the following numbers from scientific notation to standard notation:

$$5.2 \times 10^{-4} = \underline{\hspace{2cm}}$$

$$-2.9 \times 10^5 = \underline{\hspace{2cm}}$$

$$7.1 \times 10^8 = \underline{\hspace{2cm}}$$

$$-1.8 \times 10^{-3} = \underline{\hspace{2cm}}$$