

1. Supply the missing half of each of the conversion ratios (the first one is done for you):

$$\frac{\text{m}}{10^{-3}} \quad \frac{\quad}{10^3} \quad \frac{\quad}{10^{-9}} \quad \frac{\text{c}}{\quad} \quad \frac{10^{-6}}{\quad} \quad \frac{10^6}{\quad}$$

2. Use the above ratios to perform the following conversions:

a. 5 mL to L:  $\frac{5 \text{ mL} \mid 10^{-3}}{\text{mL}} = 5 \times 10^{-3} \text{ L}$

b. 636 L to mL:  $\frac{\quad \mid \quad}{\quad} = \quad \text{mL}$

c. 55 feet to milli feet:  $\frac{\quad \mid \quad}{\quad} = \quad \text{milli feet}$

d. 235 mL to  $\mu\text{L}$ :  $\frac{\quad \mid \quad}{\quad} = \quad \mu\text{L}$

e. 485 nm to mm:

f. 505 km to mm:

g. 27 inches to milli inches:

h. 485 g to mg:

i. 45 kg to mg:

j. 333 mg to kg: