

**Conversion:**

$1,000 \text{ g} = 1.0 \text{ kg}$

$0.001 \text{ kg} = 1.0 \text{ g}$

$1,000 \text{ mL} = 1.0 \text{ L}$

$1,000 \text{ mg} = 1.0 \text{ g}$

$0.001 \text{ g} = 1.0 \text{ mg}$

$0.001 \text{ L} = 1.0 \text{ ml}$

Name: \_\_\_\_\_ Date: \_\_\_\_\_

**Measuring Units Worksheet**

Show your work and calculations.

Convert.

**1 a.**  $13.2 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

**1 b.**  $1,513 \text{ ml} = \underline{\hspace{2cm}} \text{ L}$

**2 a.**  $1,112 \text{ g} = \underline{\hspace{2cm}} \text{ mg}$

**2 b.**  $2.5 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

**3 a.**  $0.9 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

**3 b.**  $12,704 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

**4 a.**  $5,401 \text{ ml} = \underline{\hspace{2cm}} \text{ L}$

**4 b.**  $910 \text{ ml} = \underline{\hspace{2cm}} \text{ L}$

**5 a.**  $9.1 \text{ mg} = \underline{\hspace{2cm}} \text{ g}$

**5 b.**  $2,602 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

**6 a.**  $831 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

**6 b.**  $631 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

**7 a.**  $2.5 \text{ L} = \underline{\hspace{2cm}} \text{ ml}$

**7 b.**  $346 \text{ ml} = \underline{\hspace{2cm}} \text{ L}$

**8 a.**  $16,160 \text{ ml} = \underline{\hspace{2cm}} \text{ L}$

**8 b.**  $16.3 \text{ L} = \underline{\hspace{2cm}} \text{ ml}$

**9 a.**  $798 \text{ ml} = \underline{\hspace{2cm}} \text{ L}$

**9 b.**  $6,657 \text{ ml} = \underline{\hspace{2cm}} \text{ L}$

**10 a.**  $13.9 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

**10 b.**  $8,184 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

