

## Reteaching 3-7 Using the Metric System

Complete each statement.

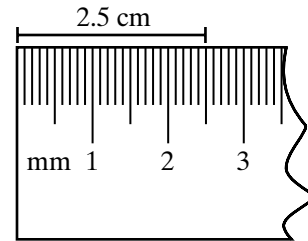
a.  $2.5 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

The diagram shows

$2.5 \text{ cm} = \underline{25} \text{ mm}$

You know  $10 \text{ mm} = 1 \text{ cm}$

Since a mm is smaller, it takes more of them to make the same length. This can help you remember to *multiply* by 10.



b.  $347 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

You know  $1,000\text{g} = 1 \text{ kg}$ .

A kilogram is heavier than a gram, so it takes fewer to equal the same weight as 347 g. Thus, divide by 1,000 by moving the decimal point 3 places to the left.

$347 \text{ g} = \underline{0.347} \text{ kg}$

Complete each statement.

1.  $\underline{\hspace{2cm}} \text{ mL} = 6.9 \text{ L}$

2.  $5.62 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

3.  $5,346 \text{ m} = \underline{\hspace{2cm}} \text{ km}$

4.  $246 \text{ mg} = \underline{\hspace{2cm}} \text{ g}$

5.  $890 \text{ cm} = \underline{\hspace{2cm}} \text{ m}$

6.  $473 \text{ cm} = \underline{\hspace{2cm}} \text{ mm}$

7.  $9.4 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

8.  $29 \text{ cg} = \underline{\hspace{2cm}} \text{ g}$

9.  $2.1 \text{ km} = \underline{\hspace{2cm}} \text{ m}$

10.  $1.65 \text{ L} = \underline{\hspace{2cm}} \text{ cL}$

11.  $37 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

12.  $87.5 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

13.  $797 \text{ mm} = \underline{\hspace{2cm}} \text{ m}$

14.  $1.75 \text{ km} = \underline{\hspace{2cm}} \text{ cm}$

15.  $3,926 \text{ mg} = \underline{\hspace{2cm}} \text{ g}$

16.  $0.71 \text{ kL} = \underline{\hspace{2cm}} \text{ L}$

17.  $9,836 \text{ cm} = \underline{\hspace{2cm}} \text{ km}$

18.  $17.9 \text{ g} = \underline{\hspace{2cm}} \text{ mg}$