

Name _____

Date _____

Learning Target: *Solves problems involving measurement and conversion of measurements from a larger unit to a smaller unit.*

1. Complete each measurement chart.

Meters	Centimeters	Milliliters	Liters	Meters	Kilometers
4		1,000		1,000	
	500	9,000		7,000	
	100		3		2
	900	6,000			5
10			4	4,000	

2. Compare using $>$, $<$ or $=$

1,000 grams _____ 1 kilogram

8,108 grams _____ 8 kilograms

3,000 grams _____ 3 kilograms

8,422 grams _____ 5 kilograms

3. Find the sums and differences. Rename units if needed.

a.

$$\begin{array}{r} 83 \text{ km} \quad 542 \text{ m} \\ + 17 \text{ km} \quad 757 \text{ m} \\ \hline \end{array}$$

b.

$$\begin{array}{r} 85 \text{ kg} \quad 92 \text{ g} \\ + 24 \text{ kg} \quad 89 \text{ g} \\ \hline \end{array}$$

d.

$$\begin{array}{r} 8 \text{ km} \quad 180 \text{ m} \\ - 2 \text{ km} \quad 520 \text{ m} \\ \hline \end{array}$$

e.

$$\begin{array}{r} 38 \text{ kg} \quad 28 \text{ g} \\ - 25 \text{ kg} \quad 55 \text{ g} \\ \hline \end{array}$$

4. Solve using words, numbers, pictures or tape diagrams.
- a. Robert divided a 1 meter string from a ball of string into 4 equal sized lengths. How many centimeters long is each length of string?
- b. Kate weighed a melon and found that it was 6 kg. She gave a 500g piece to her uncle. How much does the melon weigh now?
- c. Ruby had 4 L 420 mL of water in a tank. She filled a 500 milliliter bucket and watered her plants. How much water is left in the tank?

