Name _____ Date _____

1. Complete the conversion table.

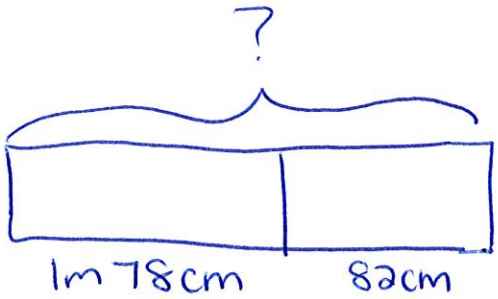
Distance	
71 km	71,000 m
30 km	30,000 m
81 m	8100 cm
4 m	400 cm

2. 13 km 20 m = 13,020 m

3. 401 km 101 m − 34 km 153 m = 366,948 m

401,101 m
− 34,153 m
366,948 m

4. Gabe built a toy tower that measured 1 m 78 cm. After building some more, he measured it, and it was 82 cm taller. How tall is his tower now? Draw a tape diagram to model this problem. Use a simplifying strategy or an algorithm to solve, and write your answer as a statement.



178 cm
+ 82 cm
260 cm

The tower is 260 cm now.

Name _____ Date _____

1. Convert the measurements.

   a. 21 g 415 g = 21,415 g

   b. 2 kg 91 g = 2,091 g

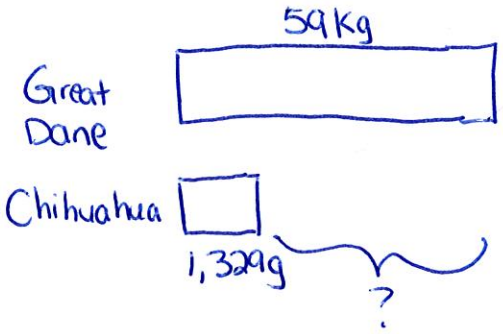
   c. 87 kg 17 g = 87,017 g

   d. 96 kg 20 g = 96,020 g

Use a tape diagram to model the following problem. Solve using a simplifying strategy or an algorithm, and write your answer as a statement.

2. The table to the right shows the weight of three dogs. How much more does the Great Dane weigh than the Chihuahua?

Dog	Weight
Great Dane	59 kg
Golden Retriever	32 kg 48 g
Chihuahua	1,329 g



59,000 g
- 1,329 g
57,671 g

The Great Dane weighs 57,671 g more than the Chihuahua.

Name _____ Date _____

1. Convert the measurements.

   a. 6 L 127 mL = 6,127 mL

   b. 706 L 220 mL = 706,220 mL

   c. 12 L 9 mL = 12,009 mL

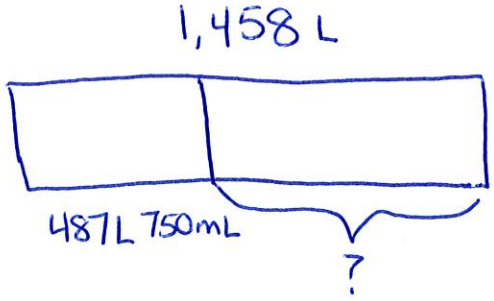
   d. 906 L 10 mL = 906,010 mL

2. 81 L 603 mL − 22 L 489 mL

$$\begin{array}{r} 81,603\ \text{mL} \\ -\ 22,489\ \text{mL} \\ \hline 59,114\ \text{mL} \end{array}$$

Use a tape diagram to model the following problem. Solve using a simplifying strategy or an algorithm, and write your answer as a statement.

3. The Smith's hot tub has a capacity of 1,458 liters. Mrs. Smith put 487 liters 750 milliliters of water in the tub. How much water needs to be added to fill the hot tub completely?



$$\begin{array}{r} 1,458,000\ \text{mL} \\ -\ 487,750\ \text{mL} \\ \hline 970,250\ \text{mL} \end{array}$$

970,250mL more water needs to be added to fill the hot tub completely.