Name _____   Date _____

1.

Distance	
71 km	_____ m
_____ km	30,000 m
81 m	_____ cm
_____ m	400 cm

2. 13 km 20 m = _____ m

3. 41 km 101 m – 34 km 153 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.

Name _____   Date _____

1. Find the equivalent measures.

   a. 21 kg 415 g = _____ g   c. 87 kg 17 g = _____ g

   b. 2 kg 91 g = _____ g   d. ____ kg _____ g = 6,020 g

Directions: Use a tape diagram to model and solve the problems below.

The table below shows the weight of three dogs.

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

2. Use a tape diagram to show the three dogs in order from lightest to heaviest.

3. How much more does the Great Dane weigh than the Chihuahua?

Name _____   Date _____

1. Find the missing numbers.

   a. 6 L 127 mL = _____ mL

   b. 706 L 220 mL = _____ mL

   c. 12 L 9 mL = _____mL

   d. _____ L _____ mL = 906,010 mL

2. 81 L 603 mL − 22 L 489 mL =

Name _____   Date _____

1. Fill in the missing unit in word form.

   a. 8,135 is 8_____ and 135 ones.

   b. 8,135 g is 8_____ and 135 grams
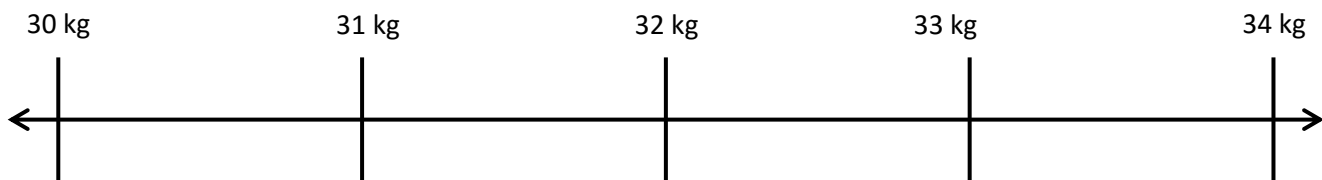
2. _____ mL is equal to 42 L and 645 mL

3. Place the following measurements on the number line:

   33 kg 100 g   31,900 g   32,350 g   30 kg 500 g

   30 kg   31 kg   32 kg   33 kg   34 kg

Name _____   Date _____

Use a tape diagram to model and solve the problem below.

1. Bryan is 1 m 87 cm tall. Mike is 58 cm shorter than Brian. Jay is 26 cm taller than Mike. How tall is Jay?