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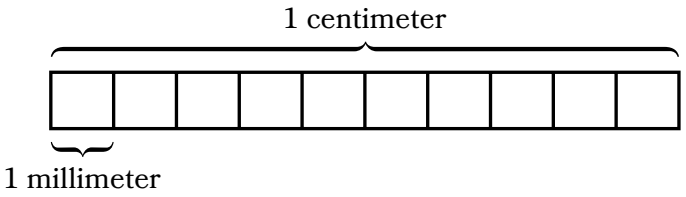
Name _____ Date _____

1. Convert each measurement.



a. 1 cm = _____ mm

b. 1 mm = $\frac{\square}{\square}$ cm

c. 1 mm = _____ cm

2. Complete the table.

Millimeters (mm)	Expression	Centimeters (cm)
100	100 × _____	
		7.8
45.3		
		95.67

Convert each measurement.

3. 3.5 L = _____ cL

4. 479 g = _____ kg

5. _____ m = 102.9 km

6. _____ kL = 2,050 L

7. 800 mg = _____ g

8. 0.95 cm = _____ mm

9. 9.6 km = 9 km _____ m

10. 4.25 kg = 4 kg _____ g

11. _____ m = 18 m 70 cm

12. _____ L = 5 L 3 mL

Use the Read–Draw–Write process to solve each problem.

13. Noah has a string that is 6.8 meters long. He cuts the string into 4 equal pieces.

    a. How many meters long is each piece of string?

    b. How many centimeters long is each piece of string?

14. A mosquito weighs 3 milligrams. A grasshopper is 100 times as heavy as the mosquito. How many more grams does the grasshopper weigh than the mosquito?

15. Miss Baker has 3 liters of water and 7 beakers. She pours 425 milliliters of water into each beaker. How many liters of water are left over?