



Name _____

Date _____

Convert each measurement. Write an expression to help you convert. The first one is started for you.

1.

Meters (m)	Expression	Millimeters (mm)
5	5×10^3	
13		
207		
480		

2.

Liters (L)	Expression	Centiliters (cL)
9	9×10^2	
24		
410		
700		

Convert.

3. $800 \text{ m} = \underline{\hspace{2cm}} \text{ cm}$

4. $\underline{\hspace{2cm}} \text{ mL} = 1,500 \text{ cL}$

5. $760 \text{ g} = \underline{\hspace{2cm}} \text{ mg}$

6. $\underline{\hspace{2cm}} \text{ L} = 320 \text{ kL}$

7. Consider the expressions.

$600 \times 100 \text{ mL}$

$600 \times 10^3 \text{ mL}$

$6 \times 10^2 \times 1,000 \text{ mL}$

a. Circle the expression that does not represent how to convert 600 liters to milliliters.

b. Explain your choice.

Convert.

8. 6 L 34 cL = _____ cL

9. _____ mg = 60 g 52 mg

10. _____ mm = 87 m 61 mm

11. 8 kg 1,245 mg = _____ mg

12. Riley runs 11 kilometers. What is the distance Riley runs in meters?

13. Mr. Sharma's dog weighs 21 kg 96 g. What is the weight of Mr. Sharma's dog in grams?