Name _____   Date _____

1. Complete the conversion table.

Liquid Capacity	
L	**mL**
1	1,000
8	
27	
	39,000
68	
	102,000

2. Convert the measurements.

a.   5 L 850 mL   =   _____ mL

b.   29 L 303 mL   =   _____ mL

c.   37 L 37 mL   =   _____ mL

d.   17 L 2 mL   =   _____ mL

e.   13,674 mL   =   _____ L _____ mL

f.   275,005 mL   =   _____ L _____ mL

3. Solve.

a. 545 mL + 48 mL

b. 8 L − 5,740 mL

c. Express the answer in the smaller unit:
    27 L 576 mL + 784 mL

d. Express the answer in the smaller unit:
    27 L + 3,100 mL

e. Express the answer in mixed units:
    9 L 213 mL − 638 mL

f. Express the answer in mixed units:
    41 L 724 mL − 28 L 945 mL

EUREKA MATH™   **Lesson 3:**   Express metric capacity measurements in terms of a smaller unit; model and solve addition and subtraction word problems involving metric capacity.

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

4. Sammy's bucket holds 2,530 milliliters of water. Marie's bucket holds 2 liters 30 milliliters of water. Katie's bucket holds 2 liters 350 milliliters of water. Whose bucket holds the least amount of water?

5. At football practice, the water jug was filled with 18 liters 530 milliliters of water. At the end of practice, there were 795 milliliters left. How much water did the team drink?

6. 27,545 milliliters of gas were added to a car's empty gas tank. If the gas tank's capacity is 56 liters 202 milliliters, how much gas is needed to fill the tank?

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