Name _____ Date _____

1. Complete the table.

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

2. Find the missing numbers.

a. 5 L 850 mL = 5,850 mL

b. 29 L 303 mL = 29,303 mL

c. 37 L 37 mL = 37,037 mL

d. 17 L 2 mL = 17,002 mL

e. 13,674 mL = 13 L 674 mL

f. 275,005 mL = 275 L 5 mL

3. Solve.

a. 545 mL + 48 mL =

$$\begin{array}{r} 545\text{ mL} \\ +\ 48\text{ mL} \\ \hline 593\text{ mL} \end{array}$$

b. 8 L – 5,740 mL =

8 L → 8000 mL
− 5740 mL
2260 mL
OR 2 L 260 mL

c. Express the answer in the smaller unit:

27 L 576 mL + 784 mL =

$$\begin{array}{r} 27\text{ L }576\text{ mL} \\ +\quad 784\text{ mL} \\ \hline 27\text{ L }1360\text{ mL} \end{array}$$

28 L 360 mL

28 L 360 mL → 28,000 mL + 360 mL

28,360 mL

d. Express the answer in the smaller unit:

27 L + 3,100 mL =

27,000 mL + 3,100 mL

30,100 mL

e. Express the answer in mixed units:

9 L 213 mL – 638 mL =

$$\begin{array}{r} 8\ 1213 \\ 9\text{ L }213\text{ mL} \\ -\quad 638\text{ mL} \\ \hline 8\text{ L }575\text{ mL} \end{array}$$

f. Express the answer in mixed units:

41 L 724 mL – 28 L 945 mL =

$$\begin{array}{r} 40\ 1724 \\ 41\text{ L }724\text{ mL} \\ -\ 28\text{ L }945\text{ mL} \\ \hline 12\text{ L }779\text{ mL} \end{array}$$

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

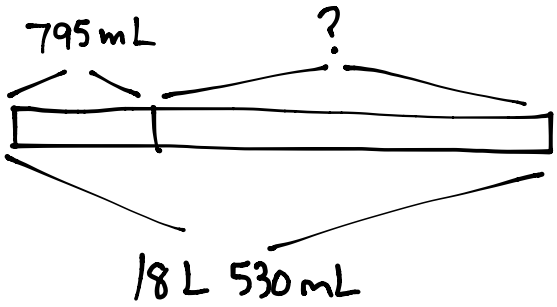
4. Sammy's bucket was filled with 2,530 milliliters of water, Marie's bucket was filled with 2 liters 30 milliliters of water, and Katie's bucket was filled with 2 liters 350 milliliters of water. Whose bucket had the least amount of water?

Sammy: 2530 mL
2000 530
2 L 530 mL

Marie: 2 L 30 mL
Least

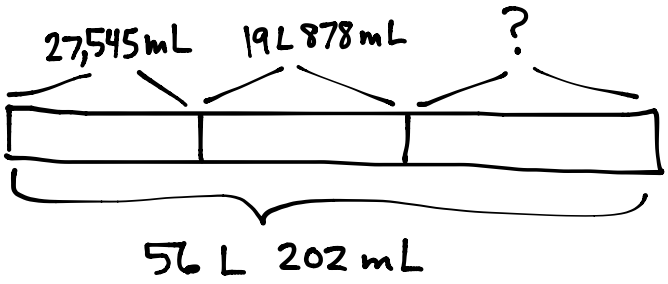
Katie: 2 L 350 mL

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?



17 1530
~~18~~ L ~~530~~ mL
- 795 mL
17 L 735 mL

6. 27, 545 milliliters of the car's gas were used. Then 19 liters 878 milliliters more were used. If the gas tank can hold 56 liters 202 milliliters of gas, how much gas remains?



27,545 mL + 19 L 878 mL
27 L 545 mL + 19 L 878 mL
46 L 1423 mL
47 L 423 mL

55 1202
~~56~~ L ~~202~~ mL
- 47 L 423 mL
8 L 779 mL