

Metric Capacity Worksheets (L, mL)

Name _____

Date _____

1. Complete the conversion table.

Liquid Capacity	
L	mL
1	1,000
5	
38	
	49,000
54	
	92,000

2. Convert the measurements.

a. 2 L 500 mL = _____ mL

b. 70 L 850 mL = _____ mL

c. 33 L 15 mL = _____ mL

d. 2 L 8 mL = _____ mL

e. 3,812 mL = _____ L _____ mL

f. 86,003 mL = _____ L _____ mL

3. Solve.

a. 1,760 mL + 40 L

b. 7 L - 3,400 mL

c. Express the answer in the smaller unit:
25 L 478 mL + 3 L 812 mL

d. Express the answer in the smaller unit:
21 L - 2 L 8 mL

e. Express the answer in mixed units:
7 L 425 mL - 547 mL

f. Express the answer in mixed units:
31 L 433 mL - 12 L 876 mL

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1. Complete the conversion table.

Liquid Capacity	
L	mL
1	1,000
5	5,000
38	38,000
49	49,000
54	54,000
92	92,000

2. Convert the measurements.

a. $2 \text{ L } 500 \text{ mL} = \underline{2,500} \text{ mL}$

b. $70 \text{ L } 850 \text{ mL} = \underline{70,850} \text{ mL}$

c. $33 \text{ L } 15 \text{ mL} = \underline{33,015} \text{ mL}$

d. $2 \text{ L } 8 \text{ mL} = \underline{2,008} \text{ mL}$

e. $3,812 \text{ mL} = \underline{3 \text{ L } 812} \text{ mL}$

f. $86,003 \text{ mL} = \underline{86 \text{ L } 3} \text{ mL}$

3. Solve.

a. $1,760 \text{ mL} + 40 \text{ L} = 41 \text{ L } 760 \text{ mL}$
 $\quad \quad \quad \wedge$
 $1 \text{ L } 760 \text{ mL}$

b. $7 \text{ L} - 3,400 \text{ mL} = 3 \text{ L } 600 \text{ mL}$
 $\quad \quad \quad \begin{matrix} +600 \text{ mL} & +3 \text{ L} \\ 3,400 \text{ mL} & \rightarrow 4,000 \text{ mL} & \rightarrow 7 \text{ L} \end{matrix}$

c. Express the answer in the smaller unit:
 $25 \text{ L } 478 \text{ mL} + 3 \text{ L } 812 \text{ mL} = 29,290 \text{ mL}$

$$\begin{array}{r} 25 \text{ L } 478 \text{ mL} \\ + 3 \text{ L } 812 \text{ mL} \\ \hline 28 \text{ L } 1290 \text{ mL} \end{array}$$

d. Express the answer in the smaller unit:

$$\begin{array}{r} 21 \text{ L } 258 \text{ mL} = 18,992 \text{ mL} \\ 21,800 \text{ mL} \\ - 2,008 \text{ mL} \\ \hline 18,992 \text{ mL} \end{array}$$

e. Express the answer in mixed units:
 $7 \text{ L } 425 \text{ mL} - 547 \text{ mL} = 6 \text{ L } 878 \text{ mL}$

$$\begin{array}{r} 6 \text{ L } 925 \text{ mL} \\ - 547 \text{ mL} \\ \hline 6 \text{ L } 878 \text{ mL} \end{array}$$

f. Express the answer in mixed units:

$$\begin{array}{r} 31 \text{ L } 433 \text{ mL} = 12 \text{ L } 876 \text{ mL} = 18 \text{ L } 557 \text{ mL} \\ 30 \text{ L } 925 \text{ mL} \\ - 12 \text{ L } 876 \text{ mL} \\ \hline 18 \text{ L } 557 \text{ mL} \end{array}$$