

Exercise → 12 (1)

A. Add the following.

$$\begin{array}{r} 1. \text{ L} \quad \text{mL} \\ \textcircled{1} \\ 26 \end{array}$$

$$+ \underline{81 \quad 947}$$

$$108 \quad 086$$

$$2. \text{ L} \quad \text{mL}$$

$$\begin{array}{r} \textcircled{1} \\ 123 \end{array} \quad 510$$

$$+ \underline{29} \quad 329$$

$$152 \quad 839$$

$$3. \text{ L} \quad \text{mL}$$

$$\begin{array}{r} \textcircled{1} \\ 111 \end{array} \quad 106$$

$$+ \underline{326 \quad 009}$$

$$437 \quad 115$$

$$4. \text{ L} \quad \text{mL}$$

$$\begin{array}{r} \textcircled{1} \\ 412 \end{array} \quad 603$$

$$+ \underline{471} \quad 811$$

$$884 \quad 414$$

5. $\begin{array}{r} 100 \\ 374 \\ \hline \end{array}$ $\begin{array}{r} 100 \\ 078 \\ \hline \end{array}$

$\begin{array}{r} 249 \\ 998 \\ \hline \end{array}$

$\begin{array}{r} 146 \\ 569 \\ \hline \end{array}$

$\begin{array}{r} 770 \\ 645 \\ \hline \end{array}$

6. L mL

$\begin{array}{r} 100 \\ 574 \\ \hline \end{array}$ $\begin{array}{r} 100 \\ 665 \\ \hline \end{array}$

$\begin{array}{r} 283 \\ 843 \\ \hline \end{array}$

$\begin{array}{r} 48 \\ 658 \\ \hline \end{array}$

$\begin{array}{r} 907 \\ 766 \\ \hline \end{array}$

7. L mL

$\begin{array}{r} 100 \\ 124 \\ \hline \end{array}$ $\begin{array}{r} 100 \\ 643 \\ \hline \end{array}$

$\begin{array}{r} 94 \\ 724 \\ \hline \end{array}$

$\begin{array}{r} 18 \\ 386 \\ \hline \end{array}$

$\begin{array}{r} 237 \\ 753 \\ \hline \end{array}$

8. L mL

$\begin{array}{r} 100 \\ 404 \\ \hline \end{array}$ $\begin{array}{r} 100 \\ 485 \\ \hline \end{array}$

$\begin{array}{r} 317 \\ 645 \\ \hline \end{array}$

$\begin{array}{r} 80 \\ 865 \\ \hline \end{array}$

$\begin{array}{r} 802 \\ 995 \\ \hline \end{array}$

B. Word problems:

1. Milk can be mixed in one can \rightarrow

31 L 500 mL.

Milk can be in other can \rightarrow

72 L 650 mL

Total quantity of milk \rightarrow 104 L 150 mL

	L	mL
	①	
	31	500
+	<u>72</u>	<u>650</u>
	104	150

So the total quantity of milk is

104 L 150 mL.

9. An oil merchant sells of oil to one man \rightarrow 100 L 450 mL

oil merchant sells of oil to another man \rightarrow 126 L 725 mL.

oil she sells in altogether \rightarrow
227 L 175 mL.

	L	mL
	①	
	100	450
+	126	725
	227	175

So, he sells 227 L 175 mL milk in altogether.

$$\begin{array}{r}
 7 \text{ L} \\
 11911 \\
 0 \text{ } + \text{ } 10710 \\
 \hline
 10 \text{ } 222
 \end{array}$$

$$\begin{array}{r}
 8 \text{ L} \\
 13167 \\
 2,988 \\
 \hline
 114410 \\
 250
 \end{array}$$

$$\begin{array}{r}
 - 686 \\
 \hline
 346
 \end{array}$$

$$\begin{array}{r}
 - 1,784 \\
 \hline
 864
 \end{array}$$

$$\begin{array}{r}
 0515 \\
 734 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 0.683 \\
 386 \\
 \hline
 \end{array}$$

B. Word problems.

1. One capacity is = 66 L 30 mL

another capacity is = 36 L 575 mL

The difference between their capacity

=

$$\begin{array}{r}
 \text{L} \quad \text{mL} \\
 66 \quad 30 \\
 36 \quad 575 \\
 \hline
 29 \quad 725
 \end{array}$$

$$\begin{array}{r}
 - 36 \quad 575 \\
 \hline
 \end{array}$$

$$\begin{array}{r}
 29 \quad 725
 \end{array}$$

So, the difference between their weight is \rightarrow 29 L 725 mL.

2. One capacity is = 152 L 460 mL

another capacity is \rightarrow 180 L 45 mL.

The difference between their weight =

L	mL
180 ⁹	450 ¹⁵
180	465
- 152 460	

027	990

So, the difference between their weight is \rightarrow 27 L 990 mL.

A tin contains of oil \rightarrow 18 L 750 ml

Oil is wasted due to leakage in the

tin \rightarrow 7 L 935 ml

Oil is left in the tin \rightarrow 10 L 815 ml

L	-	ml
7		750
18		750

<u>7</u>	<u>935</u>
----------	------------

10	815
----	-----

So, 10 L 815 ml oil is left in the

tin.

4. The petrol tank of a car hold litres of petrol \rightarrow 35 L.

petrol is used \rightarrow 21 L 725 ml

petrol is left in the tank of the car \rightarrow 13 L 275 mL

L	mL
4	99 100
35	000
- 21 725	

13	275

So, 13 L 275 mL petrol is left in the tank of the car.