

Exercise 12

A. Add the following

$$1. \text{ L ml}$$

$$2. \text{ L ml}$$

$$\begin{array}{r} 26 \\ 139 \\ \hline \end{array}$$

$$\begin{array}{r} 123 \\ 510 \\ \hline \end{array}$$

$$+ \begin{array}{r} 81 \\ 947 \\ \hline \end{array}$$

$$+ \begin{array}{r} 29 \\ 329 \\ \hline \end{array}$$

$$108 \text{ L } 086 \text{ ml}$$

$$152 \text{ L } 839 \text{ ml}$$

$$3. \text{ L ml}$$

$$4. \text{ L ml}$$

$$\begin{array}{r} 191 \\ 106 \\ \hline \end{array}$$

$$\begin{array}{r} 472 \\ 603 \\ \hline \end{array}$$

$$+ \begin{array}{r} 326 \\ 009 \\ \hline \end{array}$$

$$+ \begin{array}{r} 471 \\ 817 \\ \hline \end{array}$$

$$437 \text{ L } 115 \text{ ml}$$

$$885 \text{ L } 414 \text{ ml}$$

$$5. \text{ L ml}$$

$$6. \text{ L ml}$$

$$\begin{array}{r} 121 \\ 374 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ 078 \\ \hline \end{array}$$

$$\begin{array}{r} 212 \\ 574 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ 665 \\ \hline \end{array}$$

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

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

$$+ \begin{array}{r} 46 \\ 569 \\ \hline \end{array}$$

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

$$770 \text{ L } 675 \text{ ml}$$

$$907 \text{ L } 166 \text{ ml}$$

7. L ml

$$\begin{array}{r} 11 \\ 124 \\ + 643 \\ \hline 767 \end{array}$$

97

7. 18 386

237 L 753 mL

8. L ml

$$\begin{array}{r} 11 \\ 404 \\ + 485 \\ \hline 889 \end{array}$$

317 645

8. 20 265

802 L 995 mL

Exercise 100 World problems.

1 Sol. One can have total milk = 31L

500 mL

The milk mixed in the other

can = 72 L 650 mL

The total quantity of milk =

31 L 500 mL + 72 L 650 mL

$$\begin{array}{r} 1 \text{ L} \\ 3 \text{ L} \\ + 7 \text{ L} \\ \hline 10 \text{ L} \end{array}$$

$$\begin{array}{r} 500 \text{ mL} \\ 150 \text{ mL} \\ + 650 \text{ mL} \\ \hline 1500 \text{ mL} \end{array}$$

Thus, the total quantity of milk is 10 L 1500 mL.

16/11/21 Exercise 12 (C/D)

A. Subtract the following

1.
$$\begin{array}{r} 1 \text{ L} \quad \text{mL} \\ 16 \quad 10 \quad 12 \\ - 17 \quad 8 \quad 38 \\ \hline \end{array}$$
 2.
$$\begin{array}{r} 2 \text{ L} \quad \text{mL} \\ 7 \quad 8 \quad 9 \\ - 2 \quad 8 \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \quad 388 \\ - 09 \quad 1798 \text{ mL} \\ \hline \end{array}$$

$$\begin{array}{r} 35 \quad 629 \\ - 5 \quad 5 \quad 389 \text{ mL} \\ \hline \end{array}$$

B. Word problems

1. 50 L greater capacity is 66 L 30

Smaller capacity is 36 L 575 mL

The difference is = 66 L 30 ml

36 L 575 ml

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 36 \quad 575 \\ - 29 \quad 445 \\ \hline 7 \quad 130 \end{array}$$

66 L 30 ml

30 ml is greater

$$\begin{array}{r} 36 \quad 575 \\ - 29 \quad 445 \\ \hline 7 \quad 130 \end{array}$$

than 36 L 575

and by this much

29 L 445 ml

16/11/21 Exercise 12 (C)

A Subtract the following

3.
$$\begin{array}{r} \text{L} \quad \text{ml} \\ 100 \quad 137 \\ - 2 \quad 137 \\ \hline 98 \quad 000 \end{array}$$

$$\begin{array}{r} \text{L} \quad \text{ml} \\ 484 \\ - 108 \\ \hline 376 \end{array}$$

4.
$$\begin{array}{r} \text{L} \quad \text{ml} \\ 328 \quad 12 \\ - 248 \quad 54 \\ \hline 80 \quad 58 \end{array}$$

~~$$\begin{array}{r} 98 \\ - 49 \\ \hline 49 \end{array}$$~~

~~$$\begin{array}{r} 248 \quad 54 \\ - 108 \quad 54 \\ \hline 140 \quad 00 \end{array}$$~~

$$\begin{array}{r}
 4 \text{ L} \quad \text{mL} \\
 2 \cancel{0} \quad 10 \cancel{0} \quad 12 \\
 3 \cancel{0} \quad 8 \cancel{0} \\
 \hline
 214 \quad 654 \\
 \hline
 106 \text{ L} \quad 498 \text{ mL}
 \end{array}$$

$$\begin{array}{r}
 5 \text{ L} \quad \text{mL} \\
 2 \cancel{0} \quad 10 \cancel{0} \quad 12 \\
 3 \cancel{0} \quad 8 \cancel{0} \\
 \hline
 174 \quad 386 \\
 \hline
 146 \text{ L} \quad 766 \text{ mL}
 \end{array}$$

$$\begin{array}{r}
 6 \text{ L} \quad \text{mL} \\
 2 \cancel{0} \quad 10 \cancel{0} \quad 15 \\
 3 \cancel{0} \quad 8 \cancel{0} \\
 \hline
 266 \quad 788 \\
 \hline
 130 \text{ L} \quad 717 \text{ mL}
 \end{array}$$

~~$$\begin{array}{r}
 7 \text{ L} \quad \text{mL} \\
 0 \cancel{0} \quad 10 \cancel{0} \quad 15 \\
 1 \cancel{0} \quad 8 \cancel{0} \\
 \hline
 686 \quad 34 \\
 \hline
 515 \text{ L} \quad 790 \text{ mL}
 \end{array}$$~~

$$\begin{array}{r}
 8 \text{ L} \quad \text{mL} \\
 2 \cancel{0} \quad 10 \cancel{0} \quad 15 \\
 3 \cancel{0} \quad 8 \cancel{0} \\
 \hline
 784 \quad 864 \\
 \hline
 683 \text{ L} \quad 386 \text{ mL}
 \end{array}$$

~~$$\begin{array}{r}
 7 \text{ L} \quad \text{mL} \\
 10 \quad 12 \quad 15 \\
 1 \quad 8 \quad 0 \\
 \hline
 876 \quad 866 \\
 \hline
 515 \text{ L} \quad 734 \text{ mL}
 \end{array}$$~~

$$\begin{array}{r}
 784 \quad 864 \\
 \hline
 683 \text{ L} \quad 386 \text{ mL}
 \end{array}$$

~~$$\begin{array}{r}
 876 \quad 866 \\
 \hline
 515 \text{ L} \quad 734 \text{ mL}
 \end{array}$$~~

12 - (I) exercise

World problems

2. A oil merchant sells quantity of oil to the 1 person
100 L 450 ml

The oil merchant sells quantity of oil to the 2 persons =

126 L 725 ml

The total ~~quantity~~ quantity of oil the oil merchant sells to both the persons is 100 L 450 ml + 126 L 725 ml

L ml

Thus, 127 L 175 ml

100 450

of oil the oil

+ 126 725
127 L 175 ml

merchant sells

to both the

persons.

Exercise 12 (D) Word problems

2. Sol: Greater capacity is - ~~1130 ml~~

152 L 460 ml

Smaller capacity is - 180 L

43 ml

The difference is = 152 L 460 ml

- 180 L 43 ml

~~L ml~~ ~~L ml~~

~~152~~ ~~460~~ ~~180~~

~~180~~

L ml

~~79~~ ~~19~~
~~180~~ ~~180~~

180L 045ml is

greater than

~~152~~ ~~460~~

~~271~~ 585ml

152L 460ml

and by this
much = 271 585ml

3sol: The tin contains this much

oil = 181 750ml

Quantity of oil wasted due to

leakage in the tin = 7L 935ml

Quantity of oil

left in the tank is = 18 L 750

ml - 72 935 ml

~~18~~ L ml
~~18~~
~~72~~

L ml
~~18~~ 750
~~72~~ 935

L ml
~~18~~ 750
~~72~~ 935

Thus 10 L 815 ml

of oil is left

10 L 815 ml

in the tank

50. Quantity of petrol a petrol

tank of a car hold = 35 L

Quantity of petrol used in

the car = 27 L 725 ml

Quantity of petrol left
in the tank of the car:

$$35\text{L} - 21\text{L} = 14\text{L}$$

L	ml
35	99
- 21	00
-----	99
14	00

Thus, 13L 275

ml of petrol

left in tank

of the car

$$35\text{L} - 21\text{L} = 14\text{L}$$