

SESSION : 8 CLASS : IV

SUBJECT: MATHEMATICS

CHAPTER NUMBER: 12

CHAPTER NAME : MEASUREMENT

SUBTOPIC : ADDITION AND SUBTRACTION OF

CAPACITIES, EX-12 I & EX-12 J

CHANGING YOUR TOMORROW

Website: www.odmegroup.org Email: info@odmps.org Toll Free: **1800 120 2316**

Sishu Vihar, Infocity Road, Patia, Bhubaneswar- 751024

LEARNING OBJECTIVE



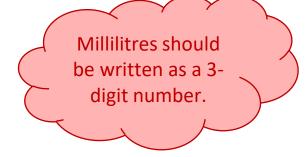
 Enable the students to understand how to add and subtract the capacities.

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ADDITION OF CAPACITIES

Addition of capacity measures is carried out in the same way as in mass measures.

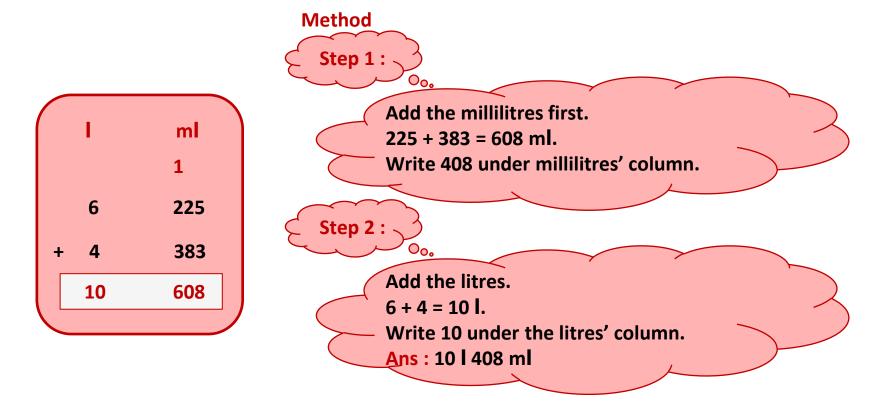






ADDITION OF CAPACITIES

EXAMPLE Add 6 | 225 ml and 4 | 383 ml.

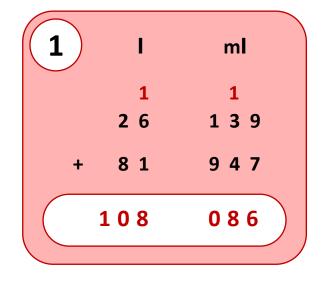


ADDITION OF CAPACITIES

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EXERCISE - 12(I)

A. Add the following.





Ans. 108 | 086 ml

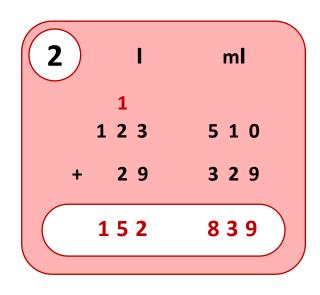
ADDITION OF CAPACITIES

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EXERCISE - 12(I)

A. Add the following.







ADDITION OF CAPACITIES



EXERCISE - 12(I)

B. Word problems.

1. 31 | 500 ml of milk in one can is mixed with 72 | 650 ml of milk in the other can. Find the total quantity of milk.

One can have total milk = 31 | 500 ml

The milk mixed in the other can = $72 \mid 650 \text{ ml}$

the total quantity of milk =

	1	ml
	1	
	3 1	5 0 0
+	7 2	6 5 0
	104	150



Therefore, The total quantity of milk is **104l 150ml**.

SUBTRACTION OF CAPACITIES



Subtraction of capacity measures is also carried out in the same way as in mass measures.

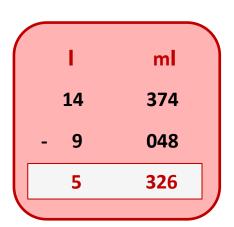


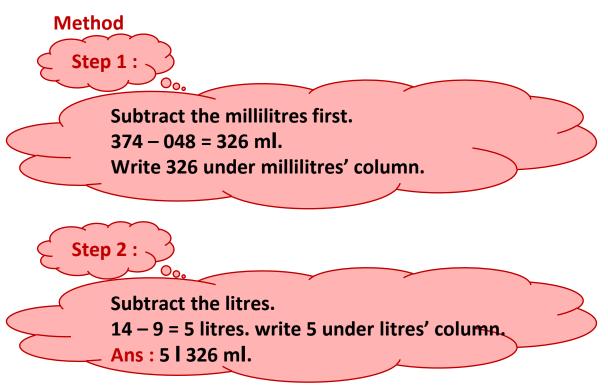
Millilitres should be written as a 3-digit number.



SUBTRACTION OF CAPACITIES

EXAMPLE Subtract 9 | 48 ml from 14 | 374 ml.

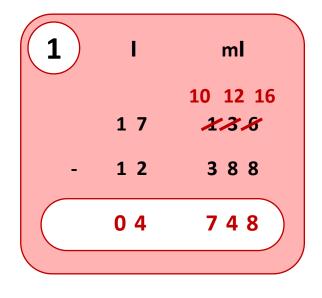




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EXERCISE - 12(J)

A. Subtract the following.



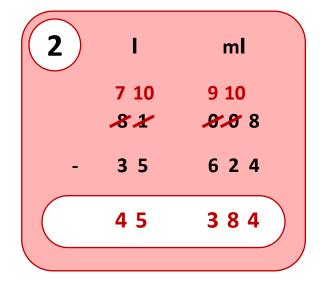


Ans. 4l 748ml

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EXERCISE - 12(J)

A. Subtract the following.







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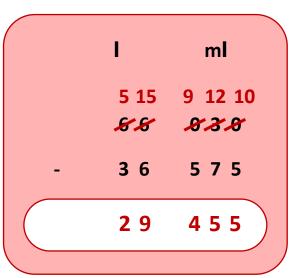
EXERCISE - 12(J)

- B. Word problems.
- 1. By how much is 66 | 30 ml greater than 36 | 575 ml?

one capacity is = 66 | 30 ml

Another capacity is = 36 l 575 ml.

The difference between their capacity =





Thus, 66 | 30 ml is greater than from 36 | 575 ml by 29 | 455 ml.

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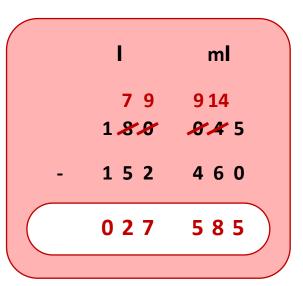
EXERCISE - 12(J)

- B. Word problems.
- **2.** By how much is 152 | 460 ml less than 180 | 45 ml?

one capacity is = 180 | 45 ml

Another capacity is = 152 | 460 ml.

The difference between their capacity =





Hence, 152 | 460 ml is less than from 180 | 45 ml by 27 | 585 ml.



HOME ASSIGNMENT:

➢ Complete Exercise − 12 I and 12 J in your note book.

LEARNING OUTCOME:



Students are able to understand about the addition and subtraction of capacities.



THANKING YOU ODM EDUCATIONAL GROUP