

Jender Heart High School, Chandigarh
Class-II (Maths)

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Chapter- Capacity

The amount that something can hold is its capacity. We measure the capacity of liquids such as oil, water, milk, petrol etc.



Jug A



Jug B

Now, which jug has more water?

As we see that jug B has more water than jug A. But how much more water does jug B contain? To find this, pour water from both the jugs into glasses.



Jug A



Jug B



It is clear jug A has two glasses of water and jug B has four glasses of water.

So jug B has more capacity than jug A.

To measure capacity accurately, we use the standard units such as millilitre (ml) and litre (l).

To measure the smaller capacities we make use of millilitre. It is denoted by 'mL'



A teaspoon of medicine syrup is 5 mL



A small pouch of milk is 500 mL



A cold drink bottle is 300 mL

Litre (L)

To measure the larger capacities we make use of litre. It is denoted by 'L'.



A bucket of water is 10 L



A big pouch of milk is 1 L



A big cold drink bottle is 2 L



A water tank is 500 L

Circle the correct answer:

(a) A bottle of milk



2 L

2 mL

(b) A tank of water



500 L

500 mL

(c) A syrup bottle



60 L

60 mL

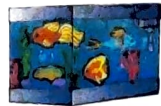
(d) A spoon of honey



5 L

5 mL

(e) An aquarium



50 L

50 mL

(f) A shampoo bottle



350 L

350 mL

(g) A cup of coffee



100 L

100 mL

Relation between litre (l) and millilitre (ml)

$$1\text{ l} = 1000\text{ ml}$$

8) Write the capacity in litre (l) or millilitre (ml)

- (a) A glass of milk
- (b) A cup of tea
- (c) A bottle of water
- (d) A spoon of medicine
- (e) A big can of oil

Litre (l) and millilitre (ml) are the standard units of capacity.

Addition

9) Add $28\text{ l } 456\text{ ml}$ and $35\text{ l } 357\text{ ml}$

	l		ml
	①		①①
	28		456
+	35		357
	63		813

Ans $63\text{ l } 813\text{ ml}$

8) Add

1.

	L	mL
	45	
+	49	

2.

	L	mL
		362
+		479

3.

	L	mL
	6	360
+	2	447

4.

	L	mL
	38	295
+	42	647

5.

	L	mL
	118	250
+	107	490

6.

	L	mL
	203	455
+	167	284

7.

	L	mL
	32	307
	15	253
+	26	184

8.

	L	mL
	13	115
	23	207
+	35	263

9) Subtract

1.

	L	mL
	65	
-	28	

2.

	L	mL
		762
-		495

3.

	L	mL
	6	350
-	2	167

5.

	L	mL
	98	500
-	9	264

6.

	L	mL
	514	650
-	146	292

7.

	L	mL
	805	400
-	67	265

- Q) Subtract
- 1) 28 l 376 ml from 53 l 492 ml
 - 2) 13 l 19 ml from 39 l 345 ml
 - 3) 15 l 295 ml from 28 l
 - 4) 18 l 624 ml from 49 l 875 ml
 - 5) 29 l 160 ml from 63 l 240 ml
 - 6) 17 l 149 ml from 35 l 428 ml

Story Sums

1. Reena drank 200 ml juice and her friend drank 1 l 150 ml juice. Find the total quantity of juice consumed.

Quantity of juice drink by Reena = 200 ml
 Quantity of juice drink by friend = 1 l 150 ml
 Total quantity of juice = 200 ml + 1 l 150 ml

$$\begin{array}{r}
 \text{ l } \quad \text{ ml} \\
 0 \quad 200 \\
 + \quad 1 \quad 150 \\
 \hline
 1 \quad 350 \\
 \hline
 \text{Ans } 1 \text{ l } 350 \text{ ml}
 \end{array}$$

2. Rohit used 10 l 250 ml water for Kitchen and 25 l 160 ml for watering plants. How much water was used?