CLASS - III MATHS

Classnotes - 13

Chapter - 4
MEASUREMENT

MATHS COPY WORK

Ch - 4
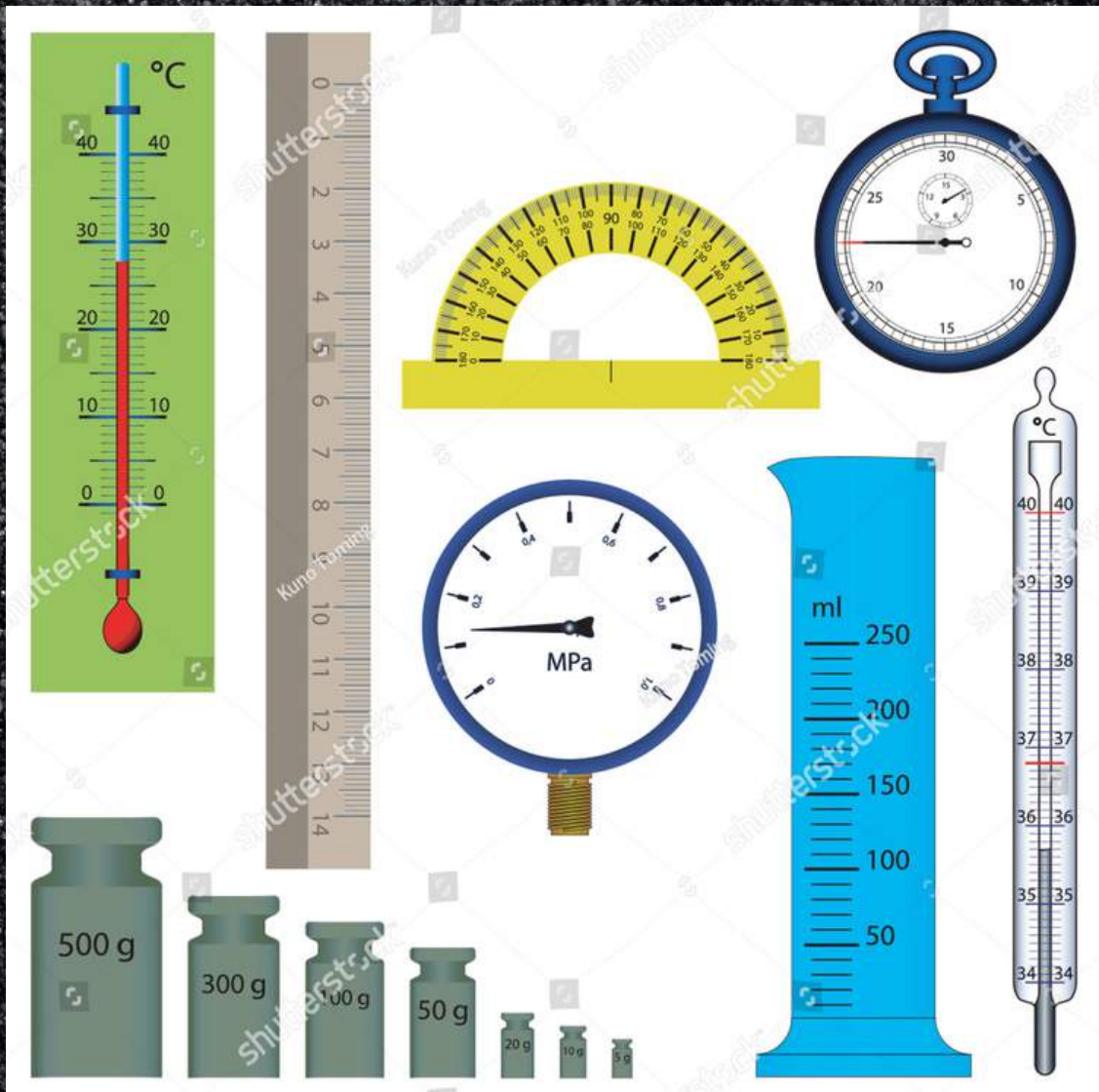
Measurement

I. <u>Measuring Length</u>

Points to remember :-

1. <u>Metre</u> is the standard unit of length.

2. To measure small lengths, we use <u>centimetre</u>. (cm)

3. To measure long distances, we use <u>kilometre</u>. (km)

4. <u>1 m = 100 cm</u>

5. To convert metre into centimetre, we multiply by 100.

For eg:- 6m into cm

$\Rightarrow$ 1m = 100 cm

$\therefore$ 6m = 6 × 100 = 600 cm

6. To convert centimetre into metre, we divide by 100.

      For eg :- 400 cm into m

$$\Rightarrow 100 \, cm = 1 \, m$$

$$\therefore 400 \, cm = (400 \div 100) \, m = 4 \, m$$

7. To convert kilometre into metre, we multiply by 1000

      For eg :- 2 km into m

$$\Rightarrow 1 \, km = 1000 \, m$$

$$\therefore 2 \, km = (2 \times 1000) \, m = 2000 \, m$$

8. To convert metre into kilometre, we divide by 1000.

      For eg :- 9000 m into km

$$\Rightarrow 1000 \, m = 1 \, km$$

$$\therefore 9000 \, m = (9000 \div 1000) \, km = 9 \, km$$

9.   1 km = 1000 m

B. Convert into "cm" (centimetre) :-

1.   8 m

Sol→   1 m = 100 cm

∴ 8 m = (8 × 100) cm

= 800 cm   Ans

$$\begin{array}{r} 100 \\ \times\ 8 \\ \hline 800 \end{array}$$

2.   13 m

Sol→   1 m = 100 cm

∴ 13 m = (13 × 100) cm

= 1300 cm   Ans

$$\begin{array}{r} 100 \\ \times\ 13 \\ \hline 300 \\ +100\times \\ \hline 1300 \end{array}$$

3.   13 m 9 cm

Sol→   1 m = 100 cm

∴ 13 m 9 cm = 13 m + 9 cm

= (13 × 100) cm + 9 cm

= 1300 cm + 9 cm

= 1309 cm   Ans

$$\begin{array}{r} 100 \\ \times\ 13 \\ \hline 300 \\ +100\times \\ \hline 1300 \\ +\ 9 \\ \hline 1309 \end{array}$$

4. 17 m 8 cm

$$
\begin{array}{r}
100 \\
\times 17 \\
\hline
700 \\
+100\times \\
\hline
1700 \\
+\ 8 \\
\hline
1708
\end{array}
$$

Sol→ 1 m = 100 cm

∴ 17 m 8 cm = 17 m + 8 cm

= (17 × 100) cm + 8 cm

= 1700 cm + 8 cm

= 1708 cm Ans

<u>Ex - 4.2</u>

B <u>Convert into metres and centimetres :-</u>

1. 608 cm

Sol→ 100 cm = 1 m

∴ 608 cm = (608 ÷ 100) m

= 6 m 08 cm

= 6 m 8 cm Ans

6 → m

100) 608 (

−600

08 → cm

2. 15|15 cm

Sol→ 100 cm = 1 m

∴ 15|15 cm = (1515 ÷ 100) m

= 15 m 15 cm Ans

$$100)\overline{1515}(\quad 15→m$$
$$\underline{-100↓}$$
$$515$$
$$\underline{-500}$$
$$15→cm$$

3. 2405 cm

Sol→ 100 cm = 1 m

∴ 2405 cm = (2405 ÷ 100) m

= 24 m 05 cm

= 24 m 5 cm Ans

$$100)\overline{2405}(\quad 24→m$$
$$\underline{-200↓}$$
$$405$$
$$\underline{-400}$$
$$05→cm$$

4. 115 cm

Sol→ 100 cm = 1 m

∴ 115 cm = (115 ÷ 100) m

= 1 m 15 cm Ans

$$100)\overline{115}(\quad 1→m$$
$$\underline{-100}$$
$$15→cm$$

B. Convert into metres (m):-

1. 6 Km

$$\begin{array}{r} 1000 \\ \times 6 \\ \hline 6000 \end{array}$$

Sol→   1 Km = 1000 m

∴ 6 Km = (6 × 1000) m

= 6000 m   Ans

2. 5 Km 6 m

Sol→   1 Km = 1000 m

∴ 5 Km 6 m = 5 Km + 6 m

= (5 × 1000) m + 6 m

= 5000 m + 6 m

$$\begin{array}{r} 1000 \\ \times 5 \\ \hline 5000 \\ + 6 \\ \hline 5006 \end{array}$$

= 5006 m   Ans

3.   9 Km 35 m

Sol →   1 Km = 1000 m

∴ 9 Km 35 m   = 9 Km + 35 m
             = (9 × 1000) m + 35 m
             = 9000 m + 35 m
             = 9035 m   Ans

$$\begin{array}{r} 1000 \\ \times\ 9 \\ \hline 9000 \\ +\ 35 \\ \hline 9035 \end{array}$$

4.   15 Km 735 m

Sol →   1 Km = 1000 m

∴ 15 Km 735 m   = 15 Km + 735 m
               = (15 × 1000) m + 735 m
               = 15000 m + 735 m
               = 15735 m   Ans

$$\begin{array}{r} 1000 \\ \times\ 15 \\ \hline 5000 \\ +1\ 000\times \\ \hline 15000 \\ +\quad 735 \\ \hline 15735 \end{array}$$

Ex - 4.4

B.

Convert into kilometres and metres :-

1.   2000 m

Sol →   1000 m = 1 km

∴ 2000 m = (2000 ÷ 1000) km

= 2 km 000 m

= 2 km Ans

$$\begin{array}{r} 2 \to km \\ 1000 \overline{)2000(} \\ -2000 \\ \hline 000 \to m \end{array}$$

2.   9812 m

Sol →   1000 m = 1 km

∴ 9812 m = (9812 ÷ 1000) km

= 9 km 812 m Ans

$$\begin{array}{r} 9 \to km \\ 1000 \overline{)9812(} \\ -9000 \\ \hline 812 \to m \end{array}$$

3.   1500 m

Sol →   1000 m = 1 km

∴ 1500 m = (1500 ÷ 1000) km

= 1 km 500 m Ans

$$\begin{array}{r} 1 \to km \\ 1000 \overline{)1500(} \\ -1000 \\ \hline 500 \to m \end{array}$$

Q]   Arrange and add :-

1.   47m 75cm, 88m 89 cm and 64m 7cm

sol →

		m			cm	
	②	①		②		
	4	7		7	5	
	8	8		8	9	
+	6	4		0	7	
2	0	0		7	1	

Ans :- 200m 71cm

2.   135 m 9cm, 48 m 65 cm and 7 m

sol →

		m			cm	
		②		①		
	1	3	5	0	9	
		4	8	6	5	
+			7	0	0	
	1	9	0	7	4	

Ans :- 190m 74cm

Q) <u>Arrange and add :-</u>

1. 145 Km 8m , 2 Km 17m and 5 Km 5 m

Sol→

	Km			m		
	①			②		
	1	4	5	0	0	8
			2	0	1	7
+			5	0	0	5
	1	5	2	0	3	0

Ans :- <u>152 Km 030 m</u>

2. 163 Km 473 m , 88 Km 9 m , 5 Km 40 m
and 273 Km

		Km			m		
	②	①		①	①		
	1	6	3	4	7	3
		8	8	0	0	9
			5	0	4	0
+	2	7	3	0	0	0
	5	2	9	5	2	2

Ans :- <u>529 Km 522 m</u>

1. Subtract 28 m 15 cm from 54 m 35 cm

Sol⇒

	m			cm	
	4	14			
	5̶	4̶		3	5
−	2	8		1	5
	2	6		2	0

Ans:- 26 m 20 cm

2. Take away 85 m 6 cm from 190 m

Sol⇒

	m			cm	
	8	9		9	10
1	9̶	0̶		0̶	0̶
−	8	5		0	6
1	0	4		9	4

Ans:- 104 m 94 cm

12

3. Find the difference between 446m 30cm and 47m 8cm.

Sol →

	m				cm		
	3	13	16		2	10	
	4	4	6		3	0	
−		4	7		0	8	
	3	9	9		2	2	Ans:− 399m 22 cm

En→ 4·8

1. Subtract 19 km 62 m from 39 km 602 m

Sol →

	Km			m		
				5	10	
	3	9		6	0	2
−	1	9		0	6	2
	2	0		5	4	0	Ans:− 20km 540m

2. Take away 68 Km 300m from 800km 50m

Sol>

Km				m		
7	9	9		10		
8	0	0		0	5	0
-	6	8		3	0	0
7	3	1		7	5	0

Ans:- 731 km 750 m

3. Find the difference between 135 Km and 25 km 8 m

Sol>

Km				m		
	2	14		9	9	10
1	3	5		0	0	0
-	2	5		0	0	8
1	0	9		9	9	2

Ans:- 109 km 992 m

2. Take away 68 km 300 m from 800 km 50m

Sol>

	Km				m		
	7	9	9		10		
	8	0	0		0	5	0
−		6	8		3	0	0
	7	3	1		7	5	0

Ans:- 731 km 750 m

3. Find the difference between 135 Km
and 25 km 8 m

Sol>

	Km				m		
		2	14		9	9	10
	1	3	5		0	0	0
−		2	5		0	0	8
	1	0	9		9	9	2

Ans:- 109 km 992 m

Ex-4.9

4. Aman travelled . - . . . . by Aman .

Sol⟩ Distance travelled on Saturday = 64 km 285 m

Distance travelled on Sunday = 108 km 715 m

∴ Total distance travelled = 64 km 285 m + 108 km 715 m

= 173 km 000 m

Ans:- Total distance travelled
by Aman = 173 km

Working :-

	Km	m
	0 0	0 0
	6 4	2 8 5
+	1 0 8	7 1 5
	1 7 3	0 0 0

5. The height of a tower .... two towers?

Sol → Height of first tower = 30 m 75 cm

Height of second tower = 17 m 18 dm

∴ Difference between the height of two towers = 30 m 75 cm − 17 m 18 cm

= 13 m 57 cm

Working :-

$$\begin{array}{r} \overset{m}{2}\,\overset{10}{3}\,\overset{6}{0}\,\overset{15}{7}\,\overset{}{5} \\ -\ 1\ 7\ \ 1\ 8 \\ \hline 1\ 3\ \ 5\ 7 \end{array}$$

Ans:- 13 m 57 cm is the

difference between the

heights of the two towers.

II

Measuring Mass (weight)

**Points to remember :-**

1. <u>Gram</u> is the standard unit of mass.

2. The masses of heavier objects or large quantities of small objects are measured in <u>kilogram</u> (kg).

3. The masses of very small things are <u>measured</u> in <u>milligram</u> (mg).

4. $1 kg = \underline{1000 g}$

5. To convert kilograms into grams, we <u>multiply by 1000</u>.

   For eg:- 5 kg into g

   $\Rightarrow 1 kg = 1000 g$

   $\therefore 5 kg = 5 \times 1000 = 5000 g$

6. To convert grams into kilograms, we divide by 1000.

$$For \ eg:- \ 7000g \ into \ kg$$

$$\Rightarrow 1000 \ g = 1 \ kg$$

$$\therefore 7000 \ g = (7000 \div 1000) \ kg = 7 \ kg$$

Ex – 4.10

B. Convert into grams (g) :-

1. 7 kg

Sol⟶   1 kg = 1000 g

$$\therefore 7 kg = (7 \times 1000) g$$

$$= 7000 g \ Ans$$

$$\begin{array}{r} 1000 \\ \times 7 \\ \hline 7000 \end{array}$$

2.   23 kg

Sol→   1 kg = 1000 g

∴ 23 kg = (23 × 1000) g

       = 23000 g   Ans

$$\begin{array}{r} 1000 \\ \times 23 \\ \hline 3000 \\ + 2000x \\ \hline 23000 \end{array}$$

3.   4 kg   912 g

Sol→   1 kg = 1000 g

∴ 4 kg 912 g = 4 kg + 912 g

           = (4 × 1000) g + 912 g

           = 4000 g + 912 g

           = 4912 g   Ans

$$\begin{array}{r} 1000 \\ \times 4 \\ \hline 4000 \\ + 912 \\ \hline 4912 \end{array}$$

4.   15 kg   8 g

Sol→   1 kg = 1000 g

∴ 15 kg 8 g = 15 kg + 8 g

           = (15 × 1000) g + 8 g

           = 15000 g + 8 g

           = 15008 g   Ans

$$\begin{array}{r} 1000 \\ \times 15 \\ \hline 5000 \\ + 1000x \\ \hline 15000 \\ + 8 \\ \hline 15008 \end{array}$$

B. **Convert into kilograms and grams :-**

1.   8000 g

Sol→   1000 g = 1 kg

∴ 8000 g = (8000 ÷ 1000) kg

= 8 kg 000 g

= 8 kg   Ans

$$\begin{array}{r} 8 \to kg \\ 1000\overline{)8000}(\\ -8000 \\ \hline 000 \to g \end{array}$$

2.   4012 g

Sol→   1000 g = 1 kg

∴ 4012 g = (4012 ÷ 1000) kg

= 4 kg 012 g

= 4 kg 12 g   Ans

$$\begin{array}{r} 4 \to kg \\ 1000\overline{)4012}(\\ 4000 \\ \hline 012 \to g \end{array}$$

3.   7281 g

Sol→   1000 g = 1 kg

∴ 7281 g = (7281 ÷ 1000) kg

= 7 kg 281 g   Ans

$$\begin{array}{r} 7 \to kg \\ 1000\overline{)7281}(\\ -7000 \\ \hline 281 \to g \end{array}$$

Q) Arrange and add :-

1. 705 kg 508 g and 9 kg 87 g

Sol →

kg			g		
①			①		
7	0	5	5	0	8
+	9		0	8	7
7	1	4	5	9	5

Ans :- 714 kg 595 g

2. 7 kg 190 g , 14 kg 5 g , 223 kg 98 g and 440 kg.

Sol →

kg			g		
①			①	①	
	7		1	9	0
1	4		0	0	5
2	2	3	0	9	8
+ 4	4	0	0	0	0
6	8	4	2	9	3

Ans :- 684 kg 293 g

1. Subtract 9 kg 200 g from 316 kg 475 g

sol →

	Kg			g		
	0	16				
3	+	6		4	7	5
–		9		2	0	0
3	0	7		2	7	5

Ans :– 307 kg 275 g

2. Take away 94 kg 128 g from 606 kg 8 g

sol →

	Kg			g		
5	10	5		9	10	
6	0	6		0	0	8
–	9	4		1	2	8
5	1	1		8	8	0

Ans :– 511 kg 880 g

3. Find the difference between 193 kg and 168 kg 932 g.

Sol →

	kg				g		
	8	12			9	9	10
1	9̶	3̶			0̶	0̶	0̶
− 1	6	8			9	3	2
0	2	4			0	6	8

Ans:— 24 kg 68 g

3. Eric bought 2 kg of . . . . he bought?

Sol →

Weight of brinjal = 2 kg

Weight of Cauliflower = 1 kg

Weight of tomatoes = 500 g

Weight of green chillies = 100 g

∴ Total weight of vegetables = 2 kg + 1 kg + 500g + 100g

= 3 kg 600 g

Working

kg	g
2	000
1	000
0	500
+ 0	100
3	600

Ans:- 3 kg 600 g is the total weight of vegetables bought by Eric.

5. Mr. Rao brought - - - - ... rice consumed ?

Sol→ Total quantity of rice brought = 35 kg 500 g

Quantity of rice left = 6 kg 750 g

∴ Quantity of rice consumed = 35 kg 500 g − 6 kg 750 g

= 28 kg 750 g

Ans:- 28 kg 750 g was the quantity of rice consumed.

Working :-

kg	g
34	14 10
3 5	5 0 0
− 6	7 5 0
2 8	7 5 0

III <u>Measuring Capacity</u>

\# Points to remember :-

1. <u>Capacity</u> tells us how much liquid a container can hold.

2. <u>Litre</u> is used to measure large quantities of liquids.

3. <u>Millilitre</u> is used to measure small quantities of liquid.

4. $1 L = 1000 mL$

5. To convert litre into millilitres, we multiply litre by 1000.

$$\text{For eg :- } 2L \text{ into } mL$$
$$\Rightarrow 1L = 1000 mL$$
$$\therefore 2L = (2 \times 1000) mL = 2000 mL$$

6. To convert millilitres into litres, we divide it by 1000.

For eg :- 9000mL into L

$\Rightarrow$ 1000mL = 1L

$\therefore$ 9000mL = (9000 $\div$ 1000) L

= 9L

En - 4·15

B. Convert into millilitres (mL).

1. 9L

Sol $\rightarrow$ 1 L = 1000 mL

$\therefore$ 9L = (9 × 1000) mL

= 9000 mL Ans

$$\begin{array}{r} 1000 \\ \times 9 \\ \hline 9000 \\ \hline \end{array}$$

2. 4 L 180 mL

Sol→   1 L = 1000 mL

∴ 4 L 180 mL = 4 L + 180 mL

= (4 × 1000) mL + 180 mL

= 4000 mL + 180 mL

= 4180 mL Ans

$$\begin{array}{r} 1000 \\ \times\ 4 \\ \hline 4000 \\ +\ 180 \\ \hline 4180 \end{array}$$

3. 8 L 15 mL

Sol→   1 L = 1000 mL

∴ 8 L 15 mL = 8 L + 15 mL

= (8 × 1000) mL + 15 mL

= 8000 mL + 15 mL

= 8015 mL Ans

$$\begin{array}{r} 1000 \\ \times\ 8 \\ \hline 8000 \\ +\ 15 \\ \hline 8015 \end{array}$$

4. 9 L 6 mL

Sol→   1 L = 1000 mL

∴ 9 L 6 mL = 9 L + 6 mL

= (9 × 1000) mL + 6 mL

= 9000 mL + 6 mL

= 9006 mL Ans

$$\begin{array}{r} 1000 \\ \times\ 9 \\ \hline 9000 \\ +\ 6 \\ \hline 9006 \end{array}$$

Ex - 4·16

B. Convert into litres and millilitres :-

1. 3000 mL

Sol→   1000 mL = 1 L

∴ 3000 mL = (3000 ÷ 1000) L

= 3 L 000 mL

= 3 L Ans

$$\begin{array}{r} 3 \to L \\ 1000 \overline{)3000} \\ -3000 \\ \hline 000 \to mL \end{array}$$

2. 2175 mL

Sol→   1000 mL = 1 L

∴ 2175 mL = (2175 ÷ 1000) L

= 2 L 175 mL Ans

$$\begin{array}{r} 2 \to L \\ 1000 \overline{)2175} \\ -2000 \\ \hline 175 \to mL \end{array}$$

3. 5008 mL

Sol→   1000 mL = 1 L

∴ 5008 mL = (5008 ÷ 1000) L

= 5 L 008 mL

= 5 L 8 mL Ans

$$\begin{array}{r} 5 \to L \\ 1000 \overline{)5008} \\ -5000 \\ \hline 008 \to mL \end{array}$$

Q1 Arrange and add :-

1. 347L 1mL , 86L 252mL , 9L 58mL and 186L 325mL.

sol →

		L			mL		
	①	②			①	①	
	3	4	7		0	0	1
		8	6		2	5	2
			9		0	5	8
+	1	3	6		3	2	5
	5	7	8		6	3	6

Ans:- 578L 636mL

Q2 795L , 21L 983mL and 9L 5mL

sol →

		L			mL		
	①	①					
	7	9	5		0	0	0
		2	1		9	8	3
+			9		0	0	5
	8	2	5		9	8	8

Ans:- 825L 988mL

1. Subtract 24 L 89 mL from 82 L 576 mL

Sol →

	L				mL		
	7	12			4	16	16
	8	2			5	7	6
−	2	4			0	8	9
	5	8			4	8	7

Ans :− 58 L 487 mL

2. Take away 101 L 482 mL from 452 L 3mL

	L				mL		
			1			9	10
	4	5	2			0	0	3
−	1	0	1			4	8	2
	3	5	0			5	2	1

Ans :− 350 L 521 mL

3. Find the difference between 300L 500mL and 140L 5mL

Sol→

	L				mL		
	2	10			4	9	10
	3	0	0		5	0	0
−	1	4	0		0	0	5
	1	6	0		4	9	5

Ans:— 160 L 495 mL

3. The milkman sold - - - - - - - - - - - sell in all?

Ex-4.19

Sold →

Quantity of milk sold to first shop = 5L 650 mL

Quantity of milk sold to second shop = 10L 100 mL

Quantity of milk sold to third shop = 8L 750 mL

∴ Total Quantity of milk sold = 5L 650mL + 10L 100mL + 8L 750mL

= 24L 500mL

Working:-

```
    L      mL
①   5    6 5 0
   1 0    1 0 0
 + 8      7 5 0
 ―――――――――――――
   2 4    5 0 0
```

Ans:- 24L 500mL of milk
to sold in all.

5. For a party 12 L 500mL . . . . tea consumed?

Sol → Total quantity of tea prepared = 12 L 500 mL

Quantity of tea left = 3 L 650 mL

∴ Quantity of tea consumed = 12 L 500 mL − 3 L 650 mL

= 8 L 850 mL

Ans :- 8 L 850 mL of tea was consumed.

Working :-

$$\begin{array}{r} \text{L} \quad\quad \text{mL} \\ {}^{11}\cancel{12} \quad {}^{14}\cancel{}{}^{10}00 \\ -\ 3 \quad\quad 650 \\ \hline 0 8 \quad\quad 850 \\ \hline \end{array}$$

BOOK WORK

A. Fill in the blanks.

1. 7 m = _7_ × 100 cm
   = _700_ cm

2. 12 m = 12 × _100_ cm
   = _1200_ cm

3. 32 m = _32_ × _100_ cm
   = _3200_ cm

4. 3 m 25 cm = _3_ × 100 cm + 25 cm
   = _325_ cm

5. 6 m 40 cm = 6 × _100_ cm + _40_ cm
   = _640_ cm

6. 12 m 7 cm = _12_ × 100 cm + _7_ cm
   = _1207_ cm

121

BOOK WORK

A. Fill in the blanks.

1. 500 cm

   $500 \div 100$ Q = __5__ R = __0__

   500 cm = __5__ m

2. 1400 cm

   $1400 \div 100$ Q = __14__ R = __0__

   1400 cm = __14__ m

3. 405 cm

   405 cm = 400 cm + __5__ cm

   = __4__ m + __5__ cm

4. 1758 cm

   1758 cm = 1700 cm + __58__ cm

   = __17__ m + __58__ cm

BOOK WORK

A. Fill in the blanks.

1. 5 km = 5 × <u>1000</u> m = <u>5000</u> m

2. 3 km 255 m = <u>3</u> × 1000 m + 255 m = <u>3000</u> m + <u>255</u> m = <u>3255</u> m

123

A. Fill in the blanks.

1. 3000 m = <u>3000</u> ÷ <u>1000</u> = <u>3</u> km

2. 6457 m = 6000 m + <u>457</u> m = <u>6</u> km <u>457</u> m

BOOK WORK

A. Fill in the blanks.

1. 6 kg
   = 6 × _1000_ g
   = _6000_ g

2. 7 kg 250 g
   = _7_ × 1000 g + _250_ g
   = _7000_ g + _250_ g = _7250_ g

A. Fill in the blanks.

1. 9000 g = _9000_ ÷ 1000
   = _9_ kg

2. 2424 g = 2000 g + _424_ g
   = _2_ kg _424_ g

BOOK WORK

A. Fill in the blanks.

1. 6 L
   $= 6 \times 1000$ mL
   $= \underline{6000}$ mL

2. 5 L 750 mL
   $= \underline{5} \times 1000$ mL $+ 750$ mL
   $= \underline{5000}$ mL $+ \underline{750}$ mL $= \underline{5750}$ mL

A. Fill in the blanks.

1. 2000 mL $= \underline{2000} \div 1000$
   $= \underline{2}$ L

2. 7148 mL $= 7000$ mL $+ \underline{148}$ mL
   $= \underline{7}$ L $\underline{148}$ mL

WORKSHEET ①

A. Tick (✓) the correct answers.

1. To change km into m, multiply by

   a. 10. ☐   b. 100. ☐   c. 1000. ☑

2. The suitable unit for measuring the weight of a pumpkin is

   a. kg. ☑   b. L. ☐   c. mL. ☐

3. 2 kg =

   a. 200 g ☐   b. 2000 g ☑   c. 20 g ☐

4. Small quantities of liquid are measured in

   a. millilitres. ☑   b. metres. ☐   c. litres. ☐

B. Convert.

1. 915 cm into m and cm

2. 4 km 375 m into m

3. 8746 m into km and cm

4. 8 kg 780 g into g

5. 6285 g into kg and g

6. 5 L 287 mL into mL

C. Solve.

1.
```
  km      m
   ①
 1 2 3   2 0 6
+2 5 8   1 2 3
─────────────
 3 8 1   3 2 9
```

2.
```
   kg       g
  3 9 9   9 9 10
  4 0 0   0 0 0
− 3 8 5   2 7 6
──────────────
  0 1 4   7 2 4
```

3.
```
    L        mL
 6  11 15  6 18
 7 2 5     7 8 8
−   2 8    1 9 7
──────────────
  6 9 7    5 9 1
```

WORKSHEET ②

MEASUREMENT

A. Tick (✓) the correct answers.

1. To convert g into kg, divide by

   a. 10. ☐   b. 100. ☐   c. 1000. ☑

2. 5 kg 308 g =

   a. 5308 g ☑   b. 5308 mL ☐   c. 5308 kg ☐

3. 6208 mL =

   a. 6 kg 208 g ☐   b. 6 L 208 mL ☑   c. 6 m 208 cm ☐

B. Convert.

1. 5395 g into kg and g

2. 9 L 253 mL into mL

3. 35 m 46 cm into m

4. 8649 m into km and m

C. Solve.

1.

L	mL
①	⓪⓪
7	3 8 3
2 5	4 7 6
+1 2 6	1 2 8
1 5 8	9 8 7

2.

km	m
6 18 8	10 14 18
7̶ 8̶ 9̶	1̶ 5̶ 8̶
− 6 9 8	2 7 9
0 9 0	8 7 9

3.

kg	g
7 12	12 8 13
7̶ 8̶ 3̶	2̶ 9̶ 3̶
− 2 7 5	8 4 7
5 0 7	4 4 6

THANK YOU