STD IV   **MATHEMATICS**

CHAPTER 11   **MEASUREMENT**

Do the following assignment in your Maths copy.

Word Problems :

Eg: A petrol pump sold *15 l 50 ml , 25 l 630 ml* and *20 l 320 ml* of petrol to three car owners. Find the total cost of petrol sold if the cost of 1 *l* of petrol is ₹ 80.23 ?

Solu: Litres of petrol sold to 1st owner   *15 l 50 ml*

Litres of petrol sold to 2nd owner   *25 l 630 ml*

Litres of petrol sold to 3rd owner   *20 l 320 ml*

Total litres of petrol sold   *61 l 000 ml*

Cost of *1 l* of petrol   = ₹ 80.23

∴ Cost of *61 l* of petrol   = ₹ (80.23 X 61)

= ₹ 4894.03

Working

l	ml		8 0. 2 3
① ①	①		X 6 1
1 5	0 5 0		8 0 2 3
2 5	6 3 0		4 8 1 3 8 0
+ 2 0	3 2 0		4 8 9 4. 0 3
6 1	0 0 0		

a) A fruit seller sold apples weighing 18 kg 670 g , oranges weighing 13 kg 830 g and grapes weighing 70 kg . What was the total weight of the fruits sold by him?

b) A drum full of rice weighs 27 kg 675 g. If the empty drum weighs 2 kg 930 g. What is the weight of rice contained in the drum?

c) If a family consumed 1 kg 750 g of sugar in a week. How much sugar will be consumed by the family in two months? (Hint: One month = four weeks)

d) A tin can contains *250 ml* of coca-cola How many such cans are needed for *25 l* of coca-cola?