

NISCORT FATHER AGNEL SCHOOL, VAISHALI (2017-18)
SELF LEARNING WORKSHEET - 9
CLASS-IV
TOPIC-MEASUREMENT

1. Fill in the blanks :

- a) We use _____ and _____ for small lengths and _____ for bigger lengths.
- b) For smaller weights we use _____ and for heavier weight, we use _____.
- c).To convert bigger units to smaller units, we _____ and to convert smaller units to bigger units, we _____.
- d) The short form of kilogram is ____ and gram is _____.
- e) We use _____ for small capacity and _____ for large capacity.
- f) The standard unit of length is _____, mass is _____ and for capacity is _____.
- g) The largest unit of length is _____.
- h) Unit of capacity 1000 times greater than millilitre is _____.
- i) 1 litre = 2 x _____ ml.
- j) 1 litre = 10 x _____ ml.

2. Fill in the correct number :

- a) 1 kg =g.
- b) 10 mm = cm.
- c) 1000 m =km.
- d) 100 cm =m.
- e) 1 m =cm.
- f) 1000 ml =l.

3. Which unit is appropriate to measure the following:(Choose from mm, cm, m, km, g, kg, l or ml).

- a) A sack of rice weighs 25.
- b) Length of new pencil.....
- c)Pepsi in a glass.
- d) A packet of spices weighs 50.
- e) Length of 100-rupee note.
- f) Distance between your school and your house.
- g) Tea in a cup.
- h) A crate of apples weighs 5.
- i)A big water melon weighs 8.
- j) Hair oil in small bottle.
- k) Height of a multi-story building.
- l) Distance between Agra and Delhi.
- m) Weight of a small silver coin.
- n) Petrol in a car.
- o) Length of a badminton racket.

4. Fill in the blanks :

- a) How many 100 ml glasses of water fill a 1 litre bottle?
- b) $400 \text{ g} + \dots = 1 \text{ kg}$.
- c) $250 \text{ g} + 250 \text{ g} + \dots = 1 \text{ kg}$.
- d) How many 250 ml of orange squash will fill a 2 litre empty containers?
- e) $450 \text{ ml} + \dots \text{ml} = 1 \text{ l}$.
- f) $250 \text{ g} + \dots = 1 \text{ kg}$.

5. Convert the following :

- a) $6 \text{ m} = \dots \text{cm}$
- b) $800 \text{ cm} = \dots \text{m}$
- c) $8 \text{ km} = \dots \text{m}$.
- d) $10 \text{ km} = \dots \text{m}$.
- e) $65000 \text{ m} = \dots \text{km}$
- f) $2000 \text{ cm} = \dots \text{m}$
- g) $4 \text{ kg} = \dots \text{g}$.
- h) $2000 \text{ g} = \dots \text{kg}$.
- i) $8000 \text{g} = \dots \text{kg}$
- j) $5 \text{ l} = \dots \text{ml}$.
- k) $4000 \text{ ml} = \dots \text{l}$

6. Convert the following :

- (a) 7 km 285 m into metres
- (b) 6 m 85 cm into centimeters
- (c) 8 cm 4 mm into millimeters
- (d) 75 mm into centimeters
- (e) 685 cm into meters
- (f) 8075 m into kilometers
- (g) 7.5 litre into milliliters
- (h) 18 kg 17 g into gram
- (i) 74 kg 235 g into kilogram
- (j) 4 l 240 ml into litre
- (k) 18 l 380 ml into millilitre
- (l) 7 km 560 m into metre
- (m) 74 km 35 m into kilometre
- (n) $5\frac{3}{8} \text{ km}$ into metres
- (o) $8\frac{1}{4} \text{ kg}$ into grams

ANSWERS:

1. a) metre and centimeter; kilometer
d) kg; g
g) km
j) 100

b) gram; kilogram
e) litre; kilolitre

c) multiply; divide
f) metre; gram; litre

h) km

i) 500

2. a) 1000

b) 1

c) 1

d) 1

e) 100

f) 1

3. a) kg

b) cm

c) ml

d) g

e) cm

f) km

g) ml

h) kg

i) kg

j) ml

k) m

l) km

m) g

n) l

o) cm

4. a) 10

b) 600g

c) 500g

d) 8

e) 550ml

f) 750g

5. a) 600

b) 8

c) 8000

d) 10000

e) 65

f) 20

g) 4000

h) 2

i) 8

j) 5000

k) 4

6. (a) 7285 metres

(b) 685 cm

(c) 84 mm

(d) 7.5 cm

(e) 6.85 m

(f) 8.075 km

(g) 7500 ml

(h) 18017 g

(i) 74.235 kg

(j) 4.240 litre

(k) 18380 ml

(l) 7560 m

(m) 74.035 km

(n) 5375 m

(o) 8250 g

NISCORT FATHER AGNEL SCHOOL, VAISHALI (2017-18)
SELF LEARNING WORKSHEET - 10
CLASS-IV
TOPIC-MEASUREMENT

1. Write in vertical form and find the sum of the following:
 - (a) 725 km 620 m; 105 km 287 m; and 218 km 162 m
 - (b) 308 m 9 cm; 254 m 62 cm; and 72 m 85 cm
 - (c) 32 kg 195 g; 248 kg 687 g; and 358 kg 275 g
 - (d) 145 kg 528 g and 310 kg 480 g
 - (e) 27 l 315 ml and 16 l 450 ml
 - (f) 52 l 408 ml; 78 l 365 ml; and 39 l 270 ml

2. Subtract by writing in vertical form:
 - (a) 35 km 289 m from 48 km 321 m
 - (b) 85 km 785 m from 100 km
 - (c) 625 kg 280 g from 780 kg 125 g
 - (d) 464 kg 90 g from 500 kg
 - (e) 19 l 256 ml from 20 l 300 ml
 - (f) 42 l 628 ml from 45 l

3. Multiply:
 - (a) 2 km 300 m x 3
 - (b) 545 kg 350 g x 9
 - (c) 3 l 450 ml x 5
 - (d) 4 m 56 cm x 4

4. Divide:
 - (a) 945 ml \div 15
 - (b) 180m \div 6
 - (c) 558l by 9
 - (d) 684 kg by 12

5. Ronit traveled 65 km 780 m by bus, 9 km 350 m by auto-rickshaw and 1 km 125 m on foot. Calculate the total distance traveled by him.

6. A tanker distributed 3000 l and 2750 l of water to two houses. If the capacity of the tanker is 7000 l, find the volume of water left in the tanker.

7. The cost of 1 kg mangoes is Rs. 240. What is the cost of 250 g mangoes?

8. 793 kg apples are to be distributed to 13 families. How much apples will each family get?

9. A can has 5 l 630 ml of oil. How much oil will be there in 8 such cans?
10. A tailor had 46 m 30 cm of cloth with him. He used 24 m 75 cm to make shirts. How much cloth is left with him now?
11. Avik's weight is 21 kg 325 g and his sister's weight is 17 kg 687 g. Who weighs more and by how much?
12. Sohan bought 90 l 500 ml of diesel for his bus. During the day 68 l 825 ml of it were used. How much diesel is still left in the bus?
13. Vinay has gained 2 kg 775 g. What is his weight now if his weight was 58 kg 215 g earlier?
14. If one crate hold 12 kg 357 g oranges, then what is the weight of oranges hold by 8 crates all together?
15. From a roll of 135 m long ribbon, 9 equal pieces are to be cut. What will be the length of each piece of ribbon?

ANSWERS:

1. (a) 1049 km 69 m (b) 635 m 56 cm (c) 639 kg 157 g
(d) 456 kg 8 g (e) 43L765 ml (f) 170L43 ml
2. (a) 13 km 32m (b) 14 km 215 m (c) 54 kg 845 g
(d) 35 kg 910 g (e) 1L44 ml (f) 2L372 ml
3. (a) 6 km 900m (b) 4908 kg 150 g (c) 17L250 ml (d) 18 m 24 cm
4. (a) 63ml (b) 30 m (c) 62 l (d) 57 kg
5. 76 km 255 m
6. 1250 l
7. Rs. 60
8. 61 kg
9. 45L40 ml
10. 21 m 55 cm
11. Avik weighs more by 3 kg 638 g
12. 21L675 ml
13. 60 kg 990 g
14. 98 kg 856 g
15. 15 m