



INDIAN SCHOOL AL WADI AL KABIR

Class VII, Mathematics (2022-23)

Worksheet DTQ – DECIMALS

SHORT ANSWER TYPE QUESTIONS- 7 QUESTIONS. (2 Marks each)

- Q1.** A car travels 367.80 km in 6 hours. How much distance will it travel in 1 hour?
- Q2.** Sonia has 14.84 l of juice. She pours it into 7 jars equally. How much juice is there in each jar?
- Q3.** Heena's father paid an electric bill of ₹ 95.70 out of a 500 rupee note. How much change should he have received?
- Q4.** A tin of oil weighs 15.5 kg. What is the weight of 32 tins of oil?
- Q5.** The cost of one metre ribbon is ₹3.50 find the cost of 10 metre ribbon.
- Q6.** Find the side length of a regular hexagon with perimeter 32.4m
- Q7.** Find the area of a rectangle of length 12.3m and breadth 7.18m

SHORT ANSWER TYPE- 5 QUESTIONS. (3 Marks each)

- Q8.** If the product of 38.46 and another number is 288.45, what is the other number?
- Q9.** A flower garden is 22.50 m long. Sheela wants to make a border along one side using bricks that are 0.25 m long. How many bricks will be needed?
- Q10.** For the celebrating children day, students of Class VII bought sweets for ₹ 740.25 and cold drink for ₹ 70. If 35 students contributed equally what amount was contributed by each student?
- Q11.** 1kg of milk has 0.267kg of fat. How much fat is there in 10.5kg of milk?
- Q12.** A car covers 89.1 km in 2.2 hours. What is the average distance covered by it in 1 hour?

LONG ANSWER TYPE- 3 QUESTIONS. (4 Marks each)

- Q.14** Smitha bought 3kg 700g sugar, 10kg 500g rice and 2kg 120 g pulses. Sarayu bought 2kg 900g sugar 11kg 50g rice and 3kg 600g pulses. Who bought more and by how much?
- Q15.** The cost of 3.4 m cloth is ₹ 187.85. Find (1) the cost of 1m cloth. (2) The cost of 2.6m cloth. (3) How much cloth can be bought for ₹ 276.25?
- Q16.** Arav bought 3kg500gm apples 10kg 45gm mangoes and the rest oranges. If he bought 20kg fruits, (1) find the weight of oranges. (2) If the cost of orange is ₹ 48 per kg find the cost of oranges he bought.

ANSWERS

Q1.	61.3 km	Q2.	2.12 l	Q3.	₹ 104.30
Q4.	496 kg	Q5.	₹ 35	Q6.	5.4 m
Q7.	88.314 sq.m	Q8.	7.5	Q9.	90
Q10.	₹23.15	Q11.	2.8035 kg	Q12.	40.5 km
Q13.	1.23 kg more by Sarayu	Q14.	(1) ₹55.25 (2) ₹143.65 (3) 5 m	Q15.	(1) 6.05kg (2) ₹ 290.40