

INDIAN SCHOOL AL WADI AL KABIR

Class VII, Mathematics (2024-25)
Worksheet DTQ -DECIMALS

SHORT ANSWER TYPE QUESTIONS- 7 QUESTIONS. (2 Marks each)						
Q1.	Hari purchased 4.5 kg of sugar at the rate of ₹ 42 per kg. How much money should he pay?					
Q2.	What is the combined thickness of these five sheets of papers: 0.009 cm, 0.125 cm, 0.165 cm, and 0.005 cm?					
Q3.	Cathy had a rope of 123.5 m. She cut the rope into ten pieces. What was the length of each piece?					
Q4.	Find the product of 1.02 and 79.452					
Q5.	Which is greater? a) 52.008 or 52.08 b) 0.093 or 0.903					
Q6.	The side of a regular hexagon is 6.5 cm. Find its perimeter.					
Q7.	Convert the following decimal numbers into Fractions in the lowest form: (i) 3.5 (ii) 120.12					
SHORT ANSWER TYPE- 5 QUESTIONS. (3 Marks each)						
Q8.	A car covered a distance of 321.2 km in 4.4 hours. What will be the distance covers in 1 hour?					
Q9.	If $324 \times 12 = 3888$, then find the product of each of the following without actually performing the multiplication. (i) $3.24 \times 12 =$ (ii) $32.4 \times 12 =$					
Q10.	Find the average of 25.7, 26.8 and 28.2					
Q11.	How many ribbons of length 1.6 m can be cut from a ribbon of 52.80 m?					
Q12.	Find: 1) 38.53 ÷ 10 2) 128.9 ÷ 100 3) 0.5 ÷ 1000					
	LONG ANSWER TYPE- 3 QUESTIONS. (4 Marks each)					
Q.13	Express each of the following using decimals: a) 1675 paise = rupees b) 25 kg 7 grams = kg c) 24470 m = km d) 18 l 26 ml = litres					
Q14.	Maya bought oranges at the cost of ₹18.25 per Kg. a) What will be the amount she paid if she bought 12 kg of oranges? b) If she spent ₹ 912.5, how many kg of oranges can she buy?					
Q15.	Preetha bought 27 kg 300 g wheat and 13 kg 50 g rice. Rita bought 24 kg 700 g wheat and 16 kg 250 g rice. Who bought more food stuff? By how much?					

ANSWERS							
Q1.	₹189	Q2.	0.454 cm	Q3.	12.35 m		
Q4.	81.04104	Q5.	a) 52.008 < 52.08 b) 0.093 < 0.903	Q6.	39 cm		
Q7.	a) $3\frac{1}{2}$ b) $120\frac{3}{25}$	Q8.	73 km	Q9.	(i) 38.88 (ii) 388.8 (iii) 0.03888		
Q10.	26.9	Q11.	33	Q12.	1) 3.853 2) 1.289 3) 0.0005		
Q13.	a) ₹219 b) 50 kg	Q14.	Rita by 600g	Q15.	a) ₹ 16.75 b) 25.007 kg c) 24.470 km d) 18.026 litres		