



Department of
Mathematics

INDIAN SCHOOL AL WADI AL KABIR

Class VI, Mathematics (2023-24)

Worksheet DTQ – Decimals

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

Q1.	Which is the greater decimal between the following? (a) 72.005 or 72.05 (b) 0.039 or 0.309
Q2.	The sum of the two decimal numbers is 8.019. If one of them is 6.99, find the other decimal number.
Q3.	Express the following: (a) 22 mm as cm using decimals. (b) 2 rupees 50 paise as rupees using decimals.
Q4.	Write the following in decimal form. (a) $200 + \frac{6}{100} + \frac{7}{1000}$ (b) $600 + 20 + 5 + \frac{4}{10} + \frac{2}{100} + \frac{9}{1000}$
Q5.	Write as fractions in lowest terms. (a) 0.60 (b) 0.005
Q6.	Write the place value of 2 in the following decimal numbers. (a) 8.26 (b) 1.402
Q7.	Arrange in ascending order: 0.011, 1.001, 0.101, 0.110

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

Q8.	Reema bought 5.5kg of wheat 10.75kg of sugar and 15.25kg of rice. Find the total weight of the items she purchased.
Q9.	The heights of two trees A and B are 17.04m and 8.92m respectively. Find the difference in their heights.
Q10.	Do as directed. (a) Find the value of $91.001 - 72.9$ (b) By how much should 26.54 be increased to 55. (c) What number added to 2.56 gives 20.018.
Q11.	If it rains 1.09cm on Saturday, 2.91cm on Sunday and 1.63cm on Monday. Find the total rainfall received on the three days.
Q12.	If the recorded temperature on Sunday is 3.95°F and on Monday it is 2.461°F , how much did the temperature drop on Monday? If it increases by 2.941°F on Tuesday, what will be the temperature?

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

Q.13	Hyzam had 20 rupees 45 paise. He bought one pen for ₹ 9.75 and one pencil for ₹ 2.50. How much Rs does he have now?
Q14.	Aman bought fruits weighing 15 kg 750 g. Out of his 5 kg 50 g is apple, 4 kg 750 g is watermelon, and the rest is Guvava. What is the weight of Guvava?
Q15.	Mrs Sheela went to the market with 500 rupees 75 paise. She bought a school bag for 175 rupees 25 paise and a lunch box for 85 rupees 50 paise. How much money was left with her?

ANSWERS

Q1.	(a) 72.05 (b) 0.309	Q2.	1.029	Q3.	(a) 2.2cm ,(b) ₹2.50
Q4.	(a) 200.067 (b) 625.429	Q5.	(a) $\frac{3}{5}$ (b) $\frac{1}{200}$	Q6.	(a) $\frac{2}{10}$ (b) $\frac{2}{1000}$
Q7.	1.001, 0.110, 0.101, 0.011	Q8.	31.50 kg	Q9.	8.12m
Q10.	(a)18.101 (b)28.46 (c)17.458	Q11.	5.63cm	Q12.	1.489°F, 4.430°F
Q13.	₹8.20	Q14.	5.950 kg	Q15.	₹239.25