



INDIAN SCHOOL AL WADI AL KABIR

Class VI, Mathematics (2024-2025)

Worksheet DTQ – WHOLE NUMBERS

SHORT ANSWER TYPE QUESTIONS- 7 QUESTIONS.

(2 Marks each)

- Q1.** Write the next 2 consecutive whole numbers of the following numbers:
4128998, _____, _____
- Q2.** On the number line, Add $6 + 4$.
- Q3.** On the number line, Subtract $8 - 5$.
- Q4.** Name the property of whole numbers used in the following:
a) $100 + 0 = 0 + 100 = 100$
b) $12 \times 1 = 1 \times 12 = 12$
- Q5.** Find the number of whole numbers between 40 and 76.
- Q6.** A hotel owner wants to purchase 103 new air conditioners for the rooms. If the cost of each air conditioner is ₹25,400, what is the total cost? (use the appropriate property)
- Q7.** $698 \times (100+9) = 698 \times 100 + 698 \times 9$ is true by _____property.
Use the same property to solve the expression: $5887 \times 88 + 5887 \times 12$.

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

- Q8.** Find the sum using suitable rearrangement
a) $563 + 435 + 437 + 625$
b) $832 + 673 + 168 + 327$
- Q9.** Anu bought 3 litres of milk on Saturday and 7 litres of milk on Sunday. Find the total amount she spent on buying milk if he bought milk at a rate of ₹55 per litre.(use the appropriate property)
- Q10.** Complete the following table.
- | Sl. No. | Predecessor | Number | Successor |
|---------|-------------|--------|-----------|
| a) | _____ | 1 | _____ |
| b) | _____ | _____ | 10001 |
| c) | 99,999 | _____ | _____ |
- Q11.** The cost of a chair is ₹7635 and the cost of a table is ₹12365. Find the total cost of 12 chairs and 12 tables. (use the appropriate property).

Q12.	Identify the property demonstrated by the following statements: a) $64 \times 45 = 45 \times 64$ b) $12 + 13 = 13 + 12$ c) $10 + (46 + 24) = (10 + 46) + 24$ d) $a \times b + a \times c = a \times (b + c)$ e) $234 + 256 = 490$, whole number f) $a \times (b \times c) = (a \times b) \times c$
LONG ANSWER TYPE- 3 QUESTIONS. (4 Marks each)	
Q13.	Simplify by suitable rearrangement: i) $643 + 346 + 357$ ii) $5 \times 241 \times 20$
Q14.	Simplify the following using the distributive property: i) $234 \times 256 - 234 \times 56$ ii) $126 \times 45 + 126 \times 55$
Q15.	Shaun and his sister went shopping. He bought a T-shirt for ₹1554 and trousers for ₹2848. His sister bought a dress for ₹1446 and jeans for ₹4152. Calculate their total payment to the shopkeeper. (use the appropriate property).

ANSWERS					
Q1.	41,28,999, 41,29,000	Q2.	-	Q3.	-
Q4.	a- Additive identity b- Multiplicative identity	Q5.	37	Q6.	₹2,616,200
Q7.	Distributive property, 5,88,700	Q8.	a- 2060 b-2000	Q9.	₹550
Q10.	-	Q11.	₹240000	Q12.	a) Commutativity of multiplication b) Commutativity of addition c) Associativity of addition d) Distributive property e) Closure property f) Associativity of multiplication
Q13.	i. 1346 ii. 24100	Q14.	i. 46800 ii. 12600	Q15.	₹10000