

Date:- May 5, 2018

Home Assignment (2018-19) (Term-1)

ch-2 Whole no.'s (class VI)

Q1 What must be added to 135642 to get the sum as the greatest no. of six digits?

[Hint:- greatest no. of six digits = 999999

Difference $999999 - 135642$]

Q2 The digits 4 and 7 of the no. 543728 are interchanged. Find the difference between the new number so formed and the original no.

Q3 what must be added to the least no. formed by the digits 0, 1, 3, 5, 7 to get the sum as the greatest no. formed by the digits 0, 2, 4, 6, 8?

Q4 Fill the missing no. in the boxes. and state the property involved in each case:-

(i) $(733 \times 5) \times 2 = 733 \times (5 \times \square)$ _____

(ii) $2 \times 725 = 725 \times \square$ _____

(iii) $23 + 48 = \square + 23$ _____

(iv) $496 \times \square = 0$ _____

(v) $(1112 + 603) + 444 = \square + (603 + 444)$ _____

Q5 Write True/False (with reason)

(i) $(7 \times 6) \times 3 = 7 \times (6 \times 3)$ _____

(ii) $88 - 42 = 42 - 88$ _____

(iii) $(16 + 7) + 3 = 16 + (7 + 3)$ _____

(iv) $100 \div (10 \div 5) = (100 \div 10) \div 5$ _____

(v) $7 \times (6 - 3) = (7 \times 6) - (7 \times 3)$ _____

Q6 A labourer works for 6 hours in the morning and 3 hours in the evening in a factory. If he gets ₹ 25 per hour, then find his earning for a day.

Q7 How many whole no.'s are there between 22 & 35?

Q8 A samosa costs ₹ 5 and a cold drink costs ₹ 10. You take a samosa and cold drink everyday for 6 days. ^{Find} the total money spent in 6 days. Also write its mathematical statement.

Q9 In a class there are 23 boys and 18 girls. How many students are there in six such classes? Write the mathematical statement.

Q10 Fill in the blanks.

(i) If any two whole no.'s are added we always get a _____ no. This property is called the _____ property of addition of whole no.

(ii) $(7-3)-2 \neq 7-(3-2)$
So _____ property does not hold true.

ANSWERS

1) 8,64,357

2) 29,700

3) 7,6063

4) (i) 2, Associative Property of Multiplication

(ii) 2, Commutative Property of Multiplication

(iii) 48, Commutative Property of addition

(iv) 0, Property of zero

(v) 1112, Associative Prop. of addition

(i) T (\because Mult. is associative)

(ii) F (\because Sub. is not commutative)

(iii) T (\because Add. is associative)

(iv) F (\because ~~sub~~ is not associative)

(v) T (Distributive Prop.)

6) ₹ 225

7) 12

8) 90 [Mathematical Statement]
 $6 \times (5+10) = (6 \times 5) + (6 \times 10)$

9) 246 [$6 \times (23+18) = (6 \times 23) + (6 \times 18)$]

10) (i) whole no., Closure

(ii) Associative