



**CLASS-6**

**SUB-MATHS**

**WORKSHEET- OF WHOLE NUMBERS**

**2. Name the property.**

a)  $19 + 63 = 63 + 19$

b)  $20 + 0 = 20$

c)  $(20 + 3) + 16 = 20 + (3 + 16)$

d)  $(68 \times 4) \times 20 = 68 \times (4 \times 20)$

e)  $20 \times 30 = 30 \times 20$

f)  $87 - 41 = 41 - 87$

g)  $7 \times (6 - 3) = 7 \times 6 - 7 \times 3$

h)  $12 \times (50 + 15) = 12 \times 50 + 12 \times 15$

**Q.3. Fill in the blanks**

(a) \_\_\_\_\_  $\times 73 = 73 \times 24$

(b) Whole numbers are closed under \_\_\_\_\_ and \_\_\_\_\_ operation.

(c) Division by \_\_\_\_\_ is not defined.

(d) \_\_\_\_\_ is the identity for multiplication.

(e) If \_\_\_\_\_ is added to a number, the sum will remain the same. Hence \_\_\_\_\_ is called the \_\_\_\_\_ in the whole numbers.

**Q.4. How many whole numbers are there between 52 and 73**

**Q.5. Find the product using Distributive property**

(a)  $838 \times 103$

(b)  $91625 \times 179 - 91625 \times 79$

**Q.6. Find the product by suitable rearrangement:**

(a)  $8 \times 391 \times 125$

(b)  $2 \times 1234 \times 50$

(c)  $87 + 64 + 36$

(d)  $713 + 87 + 200$

**Q.7. Solve :**

1) Shelly got 49 marks in Math, 39 marks in English, and 51 in Science. John got 62 marks in Math, 32 in English and 54 in Science. What are their total marks?

2) The number of students in each class of a school is 25. The fees paid by each student is \$ 812 per month. If there are 40 classes in a school, what is the total fee collection in a month?

3) In a bouquet, there are 7 roses 8 gladioli. In 9 bouquets, how many flowers are there? Write in mathematical statement for this.

4) Jai eats from a hotel which charges \$ 55 for lunch and \$ 45 for dinner. Find the money he has to pay for seven days.

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## WORKSHEET-2 OF WHOLE NUMBERS

### Question 1

Write the smallest natural and smallest whole number.

### Question 2

#### Match the column

<b>Closure Property</b>	If a and b are any two whole numbers, then $a+b=b+a$ and $a \times b=b \times a$ .
<b>Commutative property</b>	If a and b are any two whole numbers, then $a+(b+c)=(a+b)+c$ and $a \times (b \times c)=(a \times b) \times c$ are also whole numbers.
<b>Associative property</b>	If a, b and c are any two whole numbers,

	then $a(b+c)=a \times b+a \times c$ and $a(b+c)=a \times b+a \times c$ .
<b>Distributive property</b>	If a, b and c are any two whole numbers, then $(a+b)+c=a+(b+c)$ and $(a \times b) \times c=a \times (b \times c)$ .
<b>Additive Identity</b>	If a is any whole number, then $a+0=a$ and $0+a=a$ .
<b>Multiplicative Identity</b>	If a is any whole number, then $a \times 0=0$ and $0 \times a=0$ .
<b>Multiplication by zero</b>	If a is any whole number, then $a \times 1=a$ and $1 \times a=a$ .
<b>Division by zero</b>	If a is any whole number, then $a \div 0$ is not defined.

### Question 3

#### Match the column

$191+13=13+191$	Associative Property of Multiplication.
$90+0=90$	Distributive Property of Multiplication over Addition.
$(78+1)+11=78+(1+11)$	Commutative Property of Multiplication
$(121 \times 4) \times 80=121 \times (4 \times 80)$	Distributive Property of Multiplication over Subtraction.
$12 \times (10+85)=12 \times 10+12 \times 85$	Associative Property of Addition
$71 \times (11-3)=71 \times 11-71 \times 3$	Additive Identity
$10 \times 45=45 \times 10$	Commutative Property of Addition.

### Question 4

#### Fill in the blanks

- (a)  $\underline{\hspace{2cm}} \times 13 = 13 \times 18$
- (b) Whole numbers are closed under  $\underline{\hspace{2cm}}$  and  $\underline{\hspace{2cm}}$  operation.
- (c) Division by  $\underline{\hspace{2cm}}$  is not defined.
- (d)  $\underline{\hspace{2cm}}$  is the identity for multiplication.
- (e) If  $\underline{\hspace{2cm}}$  is added to a number, the sum will remain the same. Hence  $\underline{\hspace{2cm}}$  is called the  $\underline{\hspace{2cm}}$  in the whole numbers.

### Question 5

How many whole numbers are there between 12 and 86

### Question 6

Find the product using Distributive property

- (a)  $168 \times 102$
- (b)  $625 \times 279 - 625 \times 79$

### Question 7

Find the successor and predecessor of each of the following whole numbers:

- (i) 999
- (ii) 21999
- (iii) 4001
- (iv) 500012

(v) 11111

**Question 8**

Seema got 99 marks in Math, 69 marks in English, and 91 in Science. Another student Rita got 92 marks in Math, 33 in English and 84 in Science. What are their total marks?

**Question 9**

Ramesh ordered 10 cartons of chocolates to distribute among the class. Each carton holds 20 boxes and each box has 12 chocolates. How many chocolates did Ramesh order altogether?

**Question 10**

Mukesh lives form a hostel which charges Rs 55 for Dinner and 45 for Lunch. Find the money he has to pay for seven days.

**Question 11**

Out of 180000 tablets of Vitamin A, 18734 are distributed among the students in a district. Find the number of the remaining vitamin tablets.

**Question 12**

**Fill in the blanks**

(a)  $14 \times 38 = 14 \times 18 + 14 \times 14 \times 38 = 14 \times 18 + 14 \times \underline{\hspace{2cm}}$

(b)  $786 \times 8 + 786 \times 2 = 786 \times 8 + 786 \times 2 = \underline{\hspace{2cm}}$

(c)  $1001 \times 2002 = 1001 \times (2000 + 1001 \times 2002 = 1001 \times (2000 + \underline{\hspace{2cm}}))$

(d) predecessor of 1 lakh is  $\underline{\hspace{2cm}}$