



DISTRICT PUBLIC SCHOOL AND COLLEGE DEPALPUR

Summer Vacation Home work

1st semester

(Academic Session 2024-25)



Class: Five

Student's Name: _____

Father's Name: _____

Class: _____ Section: _____

Total marks: _____ Obtained marks _____

Subject Teacher's Sign: _____ Section Head's Sign: _____

Parents Sign: _____

Board of Studies DPS & Colleges **Depalpur**

Block Syllabi Session 2024-2025

Class: Five

System of Studies: Semester System

Subject	1st Semester
Mathematics (PCTB)	Unit:, 1, 2, 3, 6 Unit 1: Whole number and operations Ex.1 Q1 to Q6, Ex.2 Q1 to Q5, Ex.3 Q1 to Q6,Q7 Unit 2: HCF and LCM Ex.1 Q1 to Q3, Ex.2 Q1 to Q4. Unit 3:Fractions Ex.1 Q1 to Q3, Ex.2 Q1 to 5 Unit 6: Unitary Method Ex.1 Q1 to Q5, Ex.2 Q1 to Q 5 Tables:2 to 20

Parents Sign: -----

Date:- _____

Day: _____

Unit:1, Whole numbers and Operations

Exercise: 1

1. Write the following numbers in words.

a. 290 014

b. 433 453

c. 910 009

d. 242 140

e. 688 069

f. 192 231

Parents Sign: -----

Date: _____

Day: _____

Topic: Place Value

Exercise: 1

2. Write the place and place value of the given digits.

a. 545 445

b. 846 532

c. 683 456

d. 997 924

e. 425 419

f. 817 656





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



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



Day: _____





Worksheet 1





Fill in the blanks the numbers according to their place value.





9,931 =  Thousands +  hundreds +  tens +  ones

6121 =  Thousands +  hundreds +  tens +  ones

4771 =  Thousands +  hundreds +  tens +  ones

2145 =  Thousands +  hundreds +  tens +  ones

4578 =  Thousands +  hundreds +  tens +  ones

6223 =  Thousands +  hundreds +  tens +  ones

Learn and write table of 2

Parents Sign: -----

Date: _____

Day: _____

Topic : Addition and Subtraction

Exercise:2

Solve the following.

1) $100\ 700 + 291\ 562 =$ _____

2) $417\ 381 + 309\ 201 =$ _____

3) $591\ 727 + 702\ 929 =$ _____

4) $319\ 898 + 428\ 888 =$ _____

5) $542\ 1 + 621416 =$ _____

6) $209856 - 205\ 660 =$ _____

7) $788\ 991 - 206\ 70 =$ _____

8) $95\ 108 - 165\ 439 =$ _____

9) $686\ 898 - 333333 =$ _____

10) $744\ 762 - 565\ 656 =$ _____



Parents Sign: -----

Date: _____

Day: _____

Topic : Addition and Subtraction

Exercise:

1.Sadia bought plot for Rs 659 814 and another plot for Rs. 799 999. find the total amount she spent.

3. Amaan has an annual income of Rs.456750.He spend Rs.125 295 on the construction of Masjid.how much amount is he left with?

Parents Sign: -----

3.Lahore has a population of 459 814 in one town and 325 919 in the other town .

a) What is the total population of both towns?

b)What is the difference between their population?

Learn and write table of 3

Parents Sign: -----

Date: _____

Day: _____

Worksheet 2

Exercise:1

1. Write the following in numerals in expanded form.

131 441 _____

600 900 _____

949 181 _____

466 456 _____

286 019 _____

286 019 _____

479 321 _____



Parents Sign: -----

Date: _____

Day: _____

Topic : Multiplication

Exercise: 3

1.Solve the following.

1) $624 \times 23 =$

2) 2456×90

3) $78543 \times 49 =$

Parents Sign: -----

4) $45201 \times 561 =$

Learn and write table of 4.

Parents Sign: -----

Date: _____

Day: _____

Topic : Division

Exercise: 3

1.Solve the following.

1) $13\ 440 \div 5$

2) $86\ 449 \div 29$

Parents Sign: -----

3) 73810 ÷ 11

4) 64 454 ÷ 32

Learn and write table of 5.

Parents Sign: -----

Date: _____

Day: _____

Topic : Multiplication and Division

Exercise: 3

1.Omar's monthly income is Rs 13582 .Find out his total income in 134 months.

2.A toy Factory manufactures 28 550 toys in 25 days. How many toys will it manufacture in one day?

3.Aliya has Rs 22580.She wants to distribute them among 18 needy people .Find:

a) How many much will each person get?

b)How much amount will be left ?

Parents Sign: -----

Learn and write table of 6

Parents Sign: -----

Date: _____

Day: _____

Unit : 1 Whole Numbers

Review Exercise

1. Choose the correct option.

1. We space after every digits in number.

- a) 2 b) 3 c) 4 d) 16

2) The place value of 2 in the number 985 621 is

- a) 2 b) 20 c) 200 d) 2000

3) In 856 211, the digit is at thousand place.

- a) 2 b) 5 c) 6 d) 8

4) When we multiply a number by _____ we put 3 zeros to the right side.

- a) 1 b) 100 c) 1000 d) 1

5) When we divide a number by _____ we remove one zero from right side.

- a) 10 b) 100 c) 1000 d) 1

2. Fill in the blanks.

The greatest number which divides two or more numbers simultaneously is called their

When we multiply a number by other number their product is called _____

The HCF of two or more numbers which have no common factor is always _____

The process of writing a numbers or its factors is called _____.

Product of all prime factors = _____

Parents Sign: -----

Date: _____

Day: _____

Topic : HCF (Highest Common Factor)

Exercise: 1

Find the HCF by prime factorization method.

1. 15 , 18

2. 10 , 20

Parents Sign: -----

3. 16, 38 , 98

4. 39 , 51 , 75

Learn and write table of 7.

Parents Sign: -----

Date: _____

Day: _____

Topic : HCF (Highest Common Factor)

Exercise: 1

1. The length of two ropes are 24 meters and 14 meters respectively. If Ali wants to cut the ropes into pieces of equal length without any rope left, find out what will be maximum length of each piece?

Learn and write table of 8.

Parents Sign: -----

Date: _____

Day: _____

Topic : HCF by Division Method

Find the HCF by long division method.

1. 20 , 50

2. 15 , 45

3. 60 , 70 , 80

Parents Sign: -----

4. 34 , 48 , 62

5. 26 , 52 , 65

Learn and write table of 9.

Parents Sign: -----

Date: _____

Day: _____

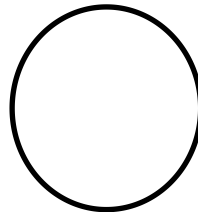
Topic : HCF (Highest Common Factor)

Worksheet 1

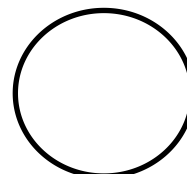
Lets make HCF fun!

Find out the HCF anf fill in the bubbles.

HCF of 9,12



HCF of 16 , 6



Parents Sign: -----

Learn and write table of 10.

Date: _____

Day: _____

Topi: LCM (Least Common Multiple)

Exercise 2

Find the LCM by prime factorization method.

1) 2,5

Parents Sign: -----

2) 3,7

3) 4 ,10 ,16

4) 20 , 25 , 50

Parents Sign: -----

5) 45 , 90 ,95

Learn and write table of 11

Parents Sign: -----

Date: _____

Day: _____

Exercise 2

Topic: LCM by Long Division Method

1. Find LCM by Long division method.

a. 4 , 9

b. 7 , 11

Parents Sign: -----

c. 6, 24, 42

d.10, 20, 30

Learn and write table of 12.

Parents Sign: -----

Date: _____

Day: _____

Topic : LCM (Least Common Multiple)

Worksheet 2

Write the least common multiple of the following.

LCM of (5 , 7 , 10)

LCM of (9 , 6 , 12)



Parents Sign: -----

Date: _____

Day: _____

Topic: LCM

Exercise: 2

1. Find the minimum length of ribbon which can completely be cut into pieces of length 45cm , 75 cm , and 85cm without any leftover.

2. Find the smallest number that can be completely by divided by 42 , 38 and 16 without leaving any remainder.

Parents Sign: -----

Date: _____

Day: _____

Topic HCF and LCM

Tick the correct answer

1) The HCF of 20, 48, and 56 is

- a) 5 b) 1 c) 8 d) 3

2) The HCF of two or more than two numbers, which have no common prime factors is always

- a) 10 b) 100 c) 1000 d) 1

3) Prime factorization of 16 is

- a) 2×8 b) $2 \times 4 \times 2$ c) $2 \times 2 \times 2 \times 2 \times 2$ d) 1×16

4) The LCM of 33, 66 and 81 is

- a) 7701872 b) 1782 c) 1287 d) 1872

5) The LCM of two or more prime numbers is always equal to their

- a) Prime factor b) Quotient c) LCM d) Product

Fill in the blanks.

The numbers having no common factor other than 1 are called _____ numbers.

A number having a factor other than 1 and itself is called _____ number.

_____ the only even prime number.

A number is divisible by _____ if the digit at the units place is 0 or even

The process of writing a numbers or its factors is called _____.

Parents Sign: -----