DISTRICT PUBLIC SCHOOL AND COLLEGE DEPALPUR

Summer Vacation Home work

1st semester

(Academic Session 2024-25)

Class: Four

Student's Name: _____

Father's Name: _____

Class: _____   Section:_____

Total marks: _____   Obtained marks_____

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

Board of Studies DPS &Colleges Okara

Block Syllabi Session 2024-2025

Class: Four   **System of Studies: Semester System**

Subject	1st Semester
Mathematics (PCTB)	**Unit: 1,2,6** **Unit 1: Whole number** **Addition Exercise Q (1-4)** **subtraction Exercise Q (1-4)** **Multiplication Exercise 1Q(1-3)** **Division Exercise 2 Q (1-3)** **Unit 2: Factors and multiplication(complete)** **Unit 6: Exercise 1 complete, Exercise 2 (Q1, Q2, Q3)** **Exercise 3 complete Exercise 5 complete ,Exercise 6 complete**

Date: _____   Day:_____

Unit: 1 Whole number

Exercise: 1

1. Write the following numbers in the expanded form.

a.   75432

_____

_____

b. 37911

_____

_____

c. 10956

_____

_____

d. 46743

_____

_____

e. 86594

_____

_____

f. 19223

_____

_____

Learn and write table of 2

———————————————————————————————

Date: _____   Day: _____

Exercise: 1

2. **Write the following numbers given in the expanded form into standard form.**

a. **20000 + 1000 + 100 +70 +1**

———————————————————————————————

b. **30000 + 9000 + 200 +30 +5**

———————————————————————————————

c. **60000 + 5000 + 300 +40 +3**

———————————————————————————————

d. **50000 + 6000 + 700 +90 +0**

———————————————————————————————

Learn and write table of 3

Date:_____   **Day:** _____

Unit: 1 Whole number

Exercise: 1

3. **Write the place and place value of colored digits.**

a. 761**0**2

_____

_____

b. **2**4360

_____

c. 9**4**615

_____

_____

d. 6549**6**

_____

_____

e. **7**3456

_____

_____

Learn and write table of 4

_____

Date: _____   **Day: _____**

Unit: 1 Whole number

Exercise: 1

4. Write the following numbers in words.

   a.   74325

_____

_____

   b. 43711

_____

_____

   c. 19560

_____

_____

   d. 75434

_____

_____

   e. 67459

_____

_____

   f. 25302

_____

_____

Learn and write table of 5

_____

Date: _____   **Day: _____**

Unit: 1 Whole number

Exercise: 1

5. Write the following in numerals.

   1. **Twenty-five thousand six hundred.**

_____

   2. **Seventy-eight thousand four hundred two**

_____

   3. **Forty-one thousand sixty-one**

_____

4. Ninety-eight thousand three hundred one

_____

5. Seventy-two thousand five hundred forty-six

_____

   6. **Ninety-eight thousand five**

_____

Learn and write table of 6

_____

Date: _____   **Day: _____**

Unit : 1,Whole number

Exercise: 2

1. Compare the following numbers by using symbols(<,>,=)
    a. **84325 _____ 93417**
    b. **4853   _____ 19314**
    c. **56708 _____ 32156**
    d. **65356 _____ 65358**
    e. **68709 _____ 68709**

Learn and write table of 7

Date: _____   **Day: _____**

Unit : 1, Whole number

Exercise: 2

2. Write the following numbers in an ascending order.

 a. **40131, 40735, 31273.**

_____

  b. **30817, 28211,43181.**

_____

   c. **70442, 58275, 84176**

_____

   d. **67319, 22342, 97323**

_____

   e. **83624, 36241, 63283**

_____

Learn and write table of 8

Date: _____   **Day: _____**

Unit :1,Whole number

<div align="center">

Exercise :2

</div>

3. Write the following numbers in an descending order.

   a. **83401,97035,12337.**

_____

   b. **18017,18221,13411.**

_____

   c. **42734,53358,48176**

_____

   d. **36121,34222,37923**

_____

   e. **16483,23601,36243**

_____

Learn and write table of 9

_____

Date: _____   **Day:_____**

<div align="center">

Worksheet

</div>

   1. **Write the following numbers in an ascending order.**

   a. **40131, 40735, 31273.**

_____

Parents Sign: ------------------

   b. **30817, 28211,43181.**

_____

   c. **70442, 58275, 84176**

_____

2. **Write the following numbers in an descending order.**
a. **83401,97035,12337.**

_____

   b. **18017,18221,13411.**

_____

   c. **42734,53358,48176**

_____

Learn and write table of 10

_____

Date: _____   **Day:_____**

Worksheet #2

1. **Write the following numbers in words.**
   a. **74325**

_____

_____

   b. **43711**

_____

_____

c. 19560

_____

_____

2. Write the following in numerals.
a. **Twenty-five thousand six hundred.**

_____

b. **Seventy-eight thousand four hundred two.**

_____

c. **Forty-one thousand sixty-one.**

_____

Learn and write table of 11

_____

Date: _____   **Day: _____**

Unit : 1, Addition

Exercise: 1

1. Solve the following.

a. 1 3 9 2 7	b. 3 5 3 2 1
+ 2 4 1 5	+ 4 6 4 9
_____	_____

c. 7 5 6 7 9 + 1 6 8 2 8 ─────────	d. 3 2 3 1 2 + 2 4 5 6 8 ─────────

Learn and write table of 12

Date: _____   **Day: _____**

Unit : 1, Addition

Exercise: 1

2. **Solve the followings.**
   a. **58134 + 45367**

   b. **78954 + 12236**

c.   89764 + 97856

[ ]

d.   53241 + 67543

[ ]

Learn and write table of 13

_____

Date:_____   **Day: _____**

Unit : 1, Addition

Exercise: 1

3. **Nida bought a laptop for Rs 59453 and spent Rs 12652 on repairing. How much total amount did she spend?**

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

4. In January, 83215 people travelled and in February, 21084 people travelled from an airport. How many passengers travelled in two months?

_____

_____

_____

_____

_____

_____

_____

_____

_____

Learn and write table of 14

Date: _____   **Day: _____**

Unit: 1 Subtraction

Exercise: 2

1. **Solve the following.**

a. 4 3 5 6 2 - 7 3 6 6 _____	b. 5 6 4 8 8 - 3 4 3 8 9 _____
c. 9 3 9 2 1 - 2 4 6 1 8 _____	d. 6 5 6 7 5 - 1 6 4 4 7 _____

Learn and write table of 15

_____

Date:_____   **Day: _____**

Unit : 1, Subtraction

Exercise: 2

1. **Solve the following.**

a. 5 3 5 6 2 - 3 4 6 4 9 _____	b. 5 6 4 8 8 - 3 4 3 8 9 _____

Parents Sign: ------------------

c. 9 5 2 3 7	d. 6 7 4 5 3
- 7 3 4 5 5	- 3 2 5 1 4

Learn and write table of 16

_____

Date: _____   **Day: _____**

Unit : 1, Subtraction

Exercise: 2

2. **Solve the followings.**

a.   **45158 - 34756**

b.   **97843 - 61732**

c. 99754 - 67584

Learn and write table of 17

Date:_____   **Day: _____**

Unit: 1 Subtraction

Exercise: 2

3.Saad had Rs 52490. He bought a bicycle for Rs 15873.

a. How much money was left with him?

_____

_____

_____

_____

_____

b.If the price of the bicycle is Rs 18759, then how much money will be left?

_____

_____

_____

_____

_____

Parents Sign: ------------------

4. In godown, there are 66375 bags of wheat and rice. If number of wheat bags are 44468 then find out the number of rice bags.

_____

_____

_____

_____

_____

Learn and write table of 18

_____

Date: _____   **Day: _____**

Unit :1 Multiplication

Exercise: 1

1. **Solve the followings.**

a. 6 3 1	b. 4 3 1	c. 8 4 3 4
× 4	× 3 5	× 3 1

Learn and write table of 19

Date: _____   **Day: _____**

Unit :1 Multiplication

Exercise: 1

2. **Solve the followings.**

d. 8 0 4 6 × 6 7 8	e. 7 6 0 1 × 5 4 6	f. 4 1 1 7 5 × 8 0

Learn and write table of 20

_____

Date:_____   **Day: _____**

Unit :1 Multiplication

Exercise: 1

3. **Solve the followings.**

g. 7 9 7 6 2	h. 6 3 5 0 6	i. 1 1 0 9 8
× 1 5	× 3 0 3	× 2 3 7

Learn and write table of 2

_____

Date: _____   Day: _____

Unit :1 Multiplication

Exercise: 1

1. **A shopkeeper sold 34523m cloth in a week. How much cloth will be sell in 21 weeks?**

_____

_____

_____

_____

_____

_____

_____

2. **Majid earns Rs 11045 in a day. Find:**
a. **How much money will he earn in 365 days?**

_____

_____

_____

_____

_____

_____

_____

b. How much money will he earn in 2 years?

_____

_____

_____

_____

_____

_____

_____

_____

_____

Learn and write table of 3

Date:_____   **Day: _____**

Review exercise

Unit : 1 whole Number

1: Tick the correct answer

1) The smallest number is _____

i)   111 1111 ii) 100 000 iii) 101 010   iv) 111 000

2)   Comparison of numbers always start from the _____

 i)   right ii) left iii) last   iv) above

3) The greatest 5-digitnumber is_____

i) 91 100 ii) 90 101   iii) 99 999   iv)   90 000

4) The sum of 36   529 and 41   372 is equal _____

i)   77 904   ii)   77 903   iii)   77 901 iv) 77 902

5) The sum of 17 278 and   62 354 is equal _____

i)   78 234 ii) 34 2211 iii) 79 632 iv)   213 455

6) When we subtract 73   810   from 89 654 then we will get

i)   12 345 ii)   13 245 iii) 14 765 iv)   15 844

7) By dividing 3 960 by 88 ,we will get

i)   41 ii) 47 iii) 46   iv)   45

8) The next in 6 , 18 , 30 , 42 is _____

i)   48   ii) 54 iii)   56 iv) 46

9) The next term in 88 ,   78 , 68 is_____

 i) 98 ii) 58   iii)   48 iv) 47

10)   If the price of one book is Rs 250,then the price of 22 books will be _____

i)   Rs 5   5555 ii) Rs 5 550 iii) Rs5 500 iv) Rs 5 000

11) In number 38101 the place value of digit '8' is_____

i) 800   ii) 8 iii)   80   iv) 8000

12) 34011 is greater than _____

i) 34010 ii) 34111   iii) 34210 iv) 34212

13) 31108 is smaller than _____

i) 31106 ii) 31107   iii) 30100 iv) 31109

14) Ayesha had Rs 23456. Her friend gave her Rs 13131 more . Now,she had

Rs_____

I) 36587 ii) 35467   iii) 36434 iv) 34567

Date: _____   Day:_____

Unit :1 Division

Exercise: 2

Solve the following:

a. $585 \div 3$

_____

_____

_____

_____

_____

_____

_____

_____

_____

b.$1816 \div 4$

_____

_____

_____

_____

_____

_____

_____

_____

_____

c.6972 ÷ 42

_____

_____

_____

_____

_____

_____

_____

_____

_____

d. 7546 ÷ 22

_____

_____

_____

_____

_____

_____

_____

_____

_____

Learn and write table of 4

Date:_____   Day: _____

Unit :1 Division

Exercise: 2

Solve the following:

e.9568÷ 23

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

f.9641÷ 31

_____

_____

_____

_____

_____

g.2868÷ 12

h.7392÷ 32

Learn and write table of 5

Date: _____   Day: _____

Unit :1 Division

Exercise: 2

Solve the following:

    I.   **133 ÷11**

_____

_____

_____

_____

_____

_____

_____

_____

j.1056÷ 8

_____

_____

_____

_____

_____

_____

_____

_____

_____

Parents Sign: ------------------

k.1848÷ 88

_____

_____

_____

_____

_____

_____

_____

_____

l. 4662÷42

_____

_____

_____

_____

_____

_____

_____

_____

m. 6125 ÷10

_____

_____

_____

k.1848÷ 88

_____

_____

_____

_____

_____

_____

_____

n. 2060÷23

_____

_____

_____

_____

_____

_____

_____

_____

_____

Learn and write table of 6

Date: _____   **Day: _____**

Unit :1 Division

Exercise: 2

Q#2. In 45 relief camps,2205 blankets were distributed.How many blankets did each camp get?

_____

_____

_____

_____

_____

_____

_____

_____

Q# 3.If 1107 chairs are placed in 27 rows ,then how many chairs will be there in a row?

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Learn and write table of 7

Date: _____   **Day: _____**

Unit :1 pattern

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Exercise: 3

</div>

Q#1. Obresevre the given patterns, describe the rule and write the next two terms

a. 11,15,19,23,27,--------------,------------------

b. 30,60,90,120,150,---------------,---------------

c.6,12,18,24,30,-------------,-----------------

d. 850,800,750,700,650,--------------,---------------

e. 106,103,100,97,94,--------------,----------------

Learn and write table of 8

Date:_____ **Day:_____**

Worksheet

Observe the given patterns, describe the rule and write the next two terms

a . 3,9,15,21,----------------,-----------------

b.100,90,80,70,60,----------------,--------------

c. 12,18,24,30,36,----------------,-----------------

d . 2,10,18,26,34,--------------,-------------------

e. 106,95,84,73,62,----------------,--------------

Learn and write table of 9

Date:_____ **Day: _____**

Unit:2 Factors and multiples

Exercise:2

Question #1 write all the composite numbers between 30 and 50

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Question #2. Write the first 15 prime numbers.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

t Learn and write table of 10

Unit:2 Factors and multiples

Exercise : 2

Question #5 Find the factors of the given numbers

a.12

_____

_____

_____

_____

_____

_____

_____

_____

_____

b . 15

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

c.32

_____

_____

d . 10

e. 27

_____

_____

Learn and write table of 11

Date:_____   **Day:** _____

Unit:2 Factors and multiples

Exercise : 2

Question #5 Find the factors of the given numbers

f. 22

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

g. 6

_____

_____

_____

_____

_____

h. 49

I. 40

j. 38

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Learn and write table of 12

Date:_____   **Day:**_____

Unit:2 Factors and multiples

Exercise : 2

Question #6 Find the first 10 multiple of the given numbers.

   a. **3**

_____

_____

_____

   b. **5**

_____

_____

_____

_____

c. 8

_____

_____

_____

d. 2

_____

_____

_____

e .7

_____

_____

_____

f.6

_____

_____

_____

g.4

_____

_____

h.9

_____

_____

Learn and write table of 13

c. 8		

Date:_____   Day: _____

Worksheet

Find first 10 multiples of the given numbers

a.13

_____

_____

b.15

_____

_____

c.10

_____

_____

d . 11

_____

_____

e.12

_____

_____

Learn and write table of 14

Parents Sign: ------------------

Date: _____   Day:_____

Unit:2 Factors and multiples

Exercise : 3

Question #1. Find the prime factors of the given numbers

    a. 17

_____

_____

    21

_____

_____

    c.34

_____

_____

d .18

_____

_____

    _

e . 44

_____

_____

    _

Learn and write table of 15

Date:_____   **Day:**_____

Unit:2 Factors and multiples

Exercise : 3

Question #1. Find the prime factors of the given numbers.

   f.33

   _____

   _____

   g.4

   _____

   _____

h 14

   _____

   _____

i.48

   _____

   _____

j.39

   _____

   _____

Learn and write table of 16

Parents Sign: ------------------

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Unit No.01#WholeNumbers

1. Sum of 54372and25617is_____.

2. Difference of66178and32900is_____

3. 45234–23145= _____

4. 46525+12345= _____

a. Quotient of 84÷6is_____

b. _of numbers pattern tells us how one number in this pattern obtained from other number.

7. 245×2 = _____

8. In10231× 65,   65iscalled_____

7. Remainder of 1455÷ 12=_____

Unit No.2#Factors &Multiples

8. 46is divisible by_____

9. 455 is divisible by_____

10. Every number is a factor of itself and _____

11. The numbers whose factors are more than two are called

    numbers

12. When a number completely divides the other number ,then number is called

    _____Of that number

15. 7,14,21,28,70,49are multiples of _____

16. The process of writing a number as product of its factors is called_____

Parents Sign: ------------------

UnitNo.06#Geometry

17. Symbol to show parallel lines=_____

18. _lines are those lines which intersect each other at any point if they are extended.

19. The unit of measuring an angle is_____

20. A protector has_____small parts.

21. An angle of measure$90^o$is called a_____

22. A_____is a set of points having equal distance from its center.

23. Length of all the radii in a circle is_____

24. Diameter of a circle is twice of its _____

25. Lengths of opposite sides in a rectangle are_____

Sr.No	Answer	Sr.No	Answer
1	79989	14	Factor
2	33278	15	7
3	22089	16	Factorization
4	58870	17	11
5	14	18	Non Parallel
6	Rule	19	Degree
7	490	20	180
8	Multiplier	21	Right Angle
9	3	22	Circle
10	2	23	Same
11	5	24	Radius
12	1	25	Equal
13	Composite	26	Circumference

Parents Sign: ------------------