



DISTRICT PUBLIC SCHOOL & COLLEGE DEPALPUR

HOME TASK WITH WORK SHEET

Summer vacation

Academic Session (2021-2022)

1st July 2021 TO 1st August 2021



Subject: Mathematics

Class: Four

STUDENT'S NAME:-----FATHER'S NAME:-----

CLASS:-----SECTION:-----

TOTAL MARKS:-----OBTAINED MARKS-----

OParent's Sign:_____



District Public School & College Depalpur

Block Syllabi Session 2021-2022

Book: Mathematics (PCTB)(Based on single national curriculum)

Subject	1 st Semester
Mathematics 4 Punjab text book board	<p>Unit: 1,2,3,4</p> <p>Unit 1:Whole Numbers</p> <ul style="list-style-type: none">. Addition and Subtraction.Multiplication and Division <p>Unit 2: Factors and Multiples</p> <p>Unit 3: Fraction</p> <p>Unit 4: Decimals</p>

Date: 1st July,2021Day: Thursday**Unit 1****Exercise:1****Topic: Multiplication**

Learning Objectives: Enables to students to learn about
Multiplication

Solve the following:

a) 631×4

Sol :

$$\begin{array}{r} 631 \\ \times 4 \\ \hline 2524 \end{array}$$

a) 631×4

Solution:

b) 431×35

Solution:

OParent's Sign: _____

c) $8\ 434 \times 31$

Solution:

d) $8\ 046 \times 678$

Solution:

Learn and write table 11

$11 \times 1 = 11$	
$11 \times 2 = 22$	
$11 \times 3 = 33$	
$11 \times 4 = 44$	
$11 \times 5 = 55$	
$11 \times 6 = 66$	
$11 \times 7 = 77$	
$11 \times 8 = 88$	
$11 \times 9 = 99$	
$11 \times 10 = 110$	
$11 \times 11 = 121$	
$11 \times 12 = 132$	

Date: 2nd July, 2021Day: Friday

Unit 1

Exercise:1

Topic: Multiplication

Learning Objectives: Enables to students to learn about
Multiplication

Solve the following:

OParent's Sign: _____

$$e) 7601 \times 546$$

Solution:

$$\begin{array}{r}
 7601 \\
 \times 546 \\
 \hline
 45606 \\
 30404 \times \\
 38005 \times \times \\
 \hline
 4150146
 \end{array}$$

$$e) 7601 \times 546$$

Solution:

f) $41\ 175 \times 80$

Solution:

g) $79\ 762 \times 15$

Solution:

h) $63\ 506 \times 303$

Solution:

i) $11\ 098 \times 237$

Solution:

Learn and write table 12

$12 \times 1 = 12$	
$12 \times 2 = 24$	
$12 \times 3 = 36$	
$12 \times 4 = 48$	
$12 \times 5 = 60$	
$12 \times 6 = 72$	
$12 \times 7 = 84$	
$12 \times 8 = 96$	
$12 \times 9 = 108$	
$12 \times 10 = 120$	
$12 \times 11 = 132$	
$12 \times 12 = 144$	

Date: 3rd July, 2021Day: Saturday**Unit 1****Exercise:1****Topic: Word problems**

Learning Objectives: Enables to students to learn about **Word problems**

Solve the following:

Parent's Sign: _____

A shopkeeper sold 34 523 m cloth in a week . How much will he sell in 21 weeks?

Solution.

$$\text{Sold colth in a week} = 34\ 523$$

$$\begin{aligned}\text{Sold colth in 21 week} &= 34\ 523 \times 21 \\ &= 724\ 983\text{m}\end{aligned}$$

Q2) In a factory, 20 134 notebooks were printed in a day. How many notebooks will be printed in 210 days?

Solution.

$$\text{Notebooks were printed in a day} = 20\ 134$$

$$\text{Notebooks were printed in 210 days} = 20\ 134 \times 210$$

$$= 20\ 134$$

$$\times 210$$

$$00\ 000$$

$$2\ 0134 \times$$

$$4\ 0268 \times \times$$

$$4\ 22\ 81\ 40$$

OParent's Sign: _____

Q2) A shopkeeper sold 34 523 m cloth in a week . How much will he sell in 21 weeks?

Solution.

Q3) In a factory, 20 134 notebooks were printed in a day.How many notebooks will be printed in 210 days?

Solution.

Learn and write table 13

$13 \times 1 = 13$	
$13 \times 2 = 26$	
$13 \times 3 = 39$	
$13 \times 4 = 52$	
$13 \times 5 = 65$	
$13 \times 6 = 78$	
$13 \times 7 = 91$	
$13 \times 8 = 104$	
$13 \times 9 = 117$	
$13 \times 10 = 130$	
$13 \times 11 = 143$	
$13 \times 12 = 156$	

Date: 5th July, 2021Day: Monday**Unit 1****Exercise:2****Topic: Division****Learning Objectives:** Enables to students to learn about **Division**

Q1. Solve the following:

a)
$$3 \overline{) 585}$$

Parent's Sign: _____

195

Sol. $3 \overline{) 585}$

$$\begin{array}{r} 195 \\ 3 \overline{) 585} \\ \underline{- 3} \\ 28 \\ \underline{- 27} \\ 15 \\ \underline{- 15} \\ 0 \end{array}$$

a) $3 \overline{) 585}$

Solution:

b)
$$\begin{array}{r} 4 \overline{) 1816} \end{array}$$

Solution:

c)
$$\begin{array}{r} 42 \overline{) 6972} \end{array}$$

Solution:

d)
$$\begin{array}{r} 22 \overline{) 7546} \end{array}$$

OParent's Sign: _____

Learn and write table 14

$14 \times 1 = 14$	
$14 \times 2 = 28$	
$14 \times 3 = 42$	
$14 \times 4 = 56$	
$14 \times 5 = 70$	
$14 \times 6 = 84$	
$14 \times 7 = 98$	
$14 \times 8 = 112$	
$14 \times 9 = 126$	
$14 \times 10 = 140$	
$14 \times 11 = 154$	
$14 \times 12 = 168$	

Parent's Sign: _____

Date: 6th July, 2021Day: Tuesday**Unit 1****Exercise:2****Topic: Division****Learning Objectives:** Enables to students to learn about **Division**

Q1. Solve the following.

e)
$$\begin{array}{r} 23 \overline{) 9568} \end{array}$$

Solution:

f)
$$\begin{array}{r} 31 \overline{) 9641} \end{array}$$

Solution:

Parent's Sign: _____

$$\text{a) } 12 \overline{) 2868}$$

Solution:

$$\text{h) } 32 \overline{) 7392}$$

Solution:

Learn and write table 15

$15 \times 1 = 15$	
$15 \times 2 = 30$	
$15 \times 3 = 45$	
$15 \times 4 = 60$	
$15 \times 5 = 75$	
$15 \times 6 = 90$	
$15 \times 7 = 105$	
$15 \times 8 = 120$	
$15 \times 9 = 135$	
$15 \times 10 = 150$	
$15 \times 11 = 165$	
$15 \times 12 = 180$	

Date: 7th July, 2021Day: Wednesday**Unit 1****Exercise:2****Topic: Division****Learning Objectives:** Enables to students to learn about **Division**

Q1 Solve the following:

Parent's Sign: _____

$$133 \div 11$$

Sol. 12 \longrightarrow Quotient

$$\begin{array}{r} 11 \overline{) 133} \\ \underline{- 11} \\ 23 \\ \underline{- 22} \\ 01 \end{array} \longrightarrow \text{Remainder}$$

i) $133 \div 11$

Solution:

j) $1\ 056 \div 8$

Solution:

k) $1\ 848 \div 88$

Solution:

OParent's Sign: _____

Learn and write table 16

$16 \times 1 = 16$	
$16 \times 2 = 32$	
$16 \times 3 = 48$	
$16 \times 4 = 64$	
$16 \times 5 = 80$	
$16 \times 6 = 96$	
$16 \times 7 = 112$	
$16 \times 8 = 128$	
$16 \times 9 = 144$	
$16 \times 10 = 160$	
$16 \times 11 = 176$	
$16 \times 12 = 192$	

Date: 8th July, 2021Day: Thursday**Unit 1****Exercise:2****Topic: Division****Learning Objectives:** Enables to students to learn about **Division**

Q1 Solve the following:

OParent's Sign: _____

l) $4\ 662 \div 42$

Solution:

m) $6\ 125 \div 10$

Solution:

n) $2060 \div 23$

Solution:

Learn and write table 17

$17 \times 1 = 17$	
$17 \times 2 = 34$	
$17 \times 3 = 51$	
$17 \times 4 = 68$	
$17 \times 5 = 85$	
$17 \times 6 = 102$	
$17 \times 7 = 119$	
$17 \times 8 = 136$	
$17 \times 9 = 153$	
$17 \times 10 = 170$	
$17 \times 11 = 187$	
$17 \times 12 = 204$	

Parent's Sign: _____

Date: 9th July, 2021Day: Friday**Unit 1****Exercise:2****Topic: Word problem**

Learning Objectives: Enables to students to learn about **Word problems**

Solve the following

Q1) If 1 107 chairs are placed in 27 rows ,then how many chairs will be there in a row?

Sol.

1 107 chairs are placed in = 27 rows

chairs will be there in a row = $1107 \div 27$

$$= 41$$

Q2) If 3 032 biscuits are packed in 11 boxes ,then find out how many biscuits are there in a box?

Solution.

Biscuits are packed in 11 boxes = 3 032

How many Biscuits in boxes = $3\ 032 \div 11$

$$= 276$$

Q1) If 1 107 chairs are placed in 27 rows ,then how many chairs will be there in a row?

Solution.

OParent's Sign: _____

Q2) If 3 032 biscuits are packed in 11 boxes ,then find out how many biscuits are there in a box?

Solution.

OParent's Sign: _____

Learn and write table of 18

$18 \times 1 = 18$	
$18 \times 2 = 36$	
$18 \times 3 = 54$	
$18 \times 4 = 72$	
$18 \times 5 = 90$	
$18 \times 6 = 108$	
$18 \times 7 = 126$	
$18 \times 8 = 144$	
$18 \times 9 = 162$	
$18 \times 10 = 180$	
$18 \times 11 = 198$	
$18 \times 12 = 216$	

Date: 10th July, 2021Day: Saturday**Unit 1****Exercise:3****Topic: Patterns****Learning Objectives:** Enables to students to learn about **Patterns**

Q1. Observe the given **Patterns**, describe the rule and write the next two terms.

a) 11 , 15 , 23 , 27 , _____ , _____

Parent's Sign: _____

Sol. 11 , 15 , 23 ,27 , 31, 35

By adding 4

a) 11 , 15 , 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 , _____, _____

f) 284 , 288 , 292 , 296 , _____, _____

g) 560 , 540 , 520 , 500, _____, _____

Learn and write table of 19.

$19 \times 1 = 19$	
$19 \times 2 = 38$	
$19 \times 3 = 57$	
$19 \times 4 = 76$	
$19 \times 5 = 95$	
$19 \times 6 = 114$	
$19 \times 7 = 133$	
$19 \times 8 = 152$	
$19 \times 9 = 171$	
$19 \times 10 = 190$	
$19 \times 11 = 209$	
$19 \times 12 = 228$	

Parent's Sign: _____

Date: 12th July, 2021Day: Monday**Work sheet**

Name : _____

Score : _____

Number Names

7-digit: 51

Write each number in words.

- 1) 9,816,254 _____

- 2) 4,268,139 _____

- 3) 3,152,478 _____

- 4) 2,539,761 _____

- 5) 1,987,326 _____

Write each number in standard form.

- 1) five million, four hundred twenty-one thousand, seven hundred eighty-nine

- 2) eight million, one hundred seventy-four thousand, six hundred thirty-two

- 3) six million, two hundred forty-five thousand, three hundred one

- 4) three million, six hundred fifty thousand, two hundred eighteen

- 5) seven million, four hundred ninety-eight thousand, one hundred sixty-five

Date: 13th July, 2021Day: Tuesday

Review Exercise

Tick (√) the correct option.

- 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-digit number 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) Rs 5 500 iv) Rs 5 000

Parent's Sign: _____

Date: 14th July, 2021Day: Wednesday**Unit 2****Exercise:1****Topic: Divisibility rule**

Learning Objectives: Enables to students to learn about
Divisibility rule

Q1. Tick (\checkmark) the numbers that are divisible by 2

a) 16 b) 43 c) 98 d) 134 e) 6781 f) 2114

g) 9226 h) 67 i) 540 j) 8242

Learn and write table 20

$20 \times 1 = 20$	
$20 \times 2 = 40$	
$20 \times 3 = 60$	
$20 \times 4 = 80$	
$20 \times 5 = 100$	
$20 \times 6 = 120$	
$20 \times 7 = 140$	
$20 \times 8 = 160$	
$20 \times 9 = 180$	
$20 \times 10 = 200$	

OParent's Sign: _____

$20 \times 11 = 220$	
$20 \times 12 = 240$	

Date: 15th July, 2021Day: Thursday**Unit 2****Exercise:1****Topic: Divisibility rule****Learning Objectives:** Enables to students to learn about**Divisibility rule****Q1. Tick (\checkmark) the numbers that are divisible by 3**

a) 20 b) 27 c) 165 d) 125

e) 6720 f) 8955 g) 52110 h) 21945

Learn and write table 11

$11 \times 1 = 11$	
$11 \times 2 = 22$	
$11 \times 3 = 33$	
$11 \times 4 = 44$	
$11 \times 5 = 55$	
$11 \times 6 = 66$	
$11 \times 7 = 77$	
$11 \times 8 = 88$	

OParent's Sign: _____

$11 \times 9 = 99$	
$11 \times 10 = 110$	
$11 \times 11 = 121$	
$11 \times 12 = 132$	

Date: 16th July, 2021Day: Friday

Work sheet

Learning objectives

To introduce the concept of Addition

Add the following numbers

1) $30 + 40 =$ _____

2) $25 + 10 =$ _____

3) $70 + 45 =$ _____

4) $125 + 456 =$ _____

5) $367 + 789 =$ _____

Parent's Sign: _____

Date: 17th July, 2021Day: Saturday**Unit 2****Exercise:1****Topic: Divisibility rule**

Learning Objectives: Enables to students to learn about
Divisibility rule

Q1. Tick (√) the numbers that are divisible by 5

a) 30 b) 50 c) 7 895 d) 2 298

e) 56 560 f) 1 982 g) 42 420 h) 130

Learn and write table 12

$12 \times 1 = 12$	
$12 \times 2 = 24$	
$12 \times 3 = 36$	
$12 \times 4 = 48$	
$12 \times 5 = 60$	
$12 \times 6 = 72$	
$12 \times 7 = 84$	
$12 \times 8 = 96$	

Parent's Sign: _____

$12 \times 9 = 108$	
$12 \times 10 = 120$	
$12 \times 11 = 132$	
$12 \times 12 = 144$	

Date: 19th July, 2021Day: Monday**Unit 2****Exercise:2****Topic: Composite numbers****Learning Objectives:** Enables to students to learn about composite numbers

composite numbers:

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

Question1). Write all composite numbers between 30 and 50

Solution.

32, 33, 34, 35, 36, 38, 39, 40, 42, 44, 45, 46, 48, 49

Question1). Write all composite numbers between 30 and 50

Solution.

Parent's Sign: _____

Learn and write table 13

$13 \times 1 = 13$	
$13 \times 2 = 26$	
$13 \times 3 = 39$	
$13 \times 4 = 52$	
$13 \times 5 = 65$	
$13 \times 6 = 78$	
$13 \times 7 = 91$	
$13 \times 8 = 104$	
$13 \times 9 = 117$	
$13 \times 10 = 130$	
$13 \times 11 = 143$	
$13 \times 12 = 156$	

Date: 20th July, 2021Day: Tuesday**Unit 2****Exercise:2****Topic: prime numbers****Learning Objectives:** Enables to students to learn about prime numbers

Question 2)

Encircle the prime numbers

- a) 15 b) 31 c) 42
d) 67 e) 11 f) 52
g) 98 h) 89

Question 3). Write the first 15 prime numbers.

Solution. 2,3,5,7,11,13,17,19,23,29,31,37,41,43,47

Question 3). Write the first 15 prime numbers.

Solution

Parent's Sign: _____

Learn and write table 14

$14 \times 1 = 14$	
$14 \times 2 = 28$	
$14 \times 3 = 42$	
$14 \times 4 = 56$	
$14 \times 5 = 70$	
$14 \times 6 = 84$	
$14 \times 7 = 98$	
$14 \times 8 = 112$	
$14 \times 9 = 126$	
$14 \times 10 = 140$	
$14 \times 11 = 154$	
$14 \times 12 = 168$	

Parent's Sign: _____

Date: 26th July, 2021Day: Monday**Unit 2****Exercise:2****Topic: Factors****Learning Objectives:** Enables to students to learn about factors

Q5). Find the factors of the given numbers

a) 12

Solution.

Factors of 12 = 1, 2, 3, 4, 6, 12

a) 12

Solution.

b) 15

Solution.

c) 32

Solution.

d) 10

Solution.

e) 27

Solution.

Parent's Sign: _____

Learn and write table 15

$15 \times 1 = 15$	
$15 \times 2 = 30$	
$15 \times 3 = 45$	
$15 \times 4 = 60$	
$15 \times 5 = 75$	
$15 \times 6 = 90$	
$15 \times 7 = 105$	
$15 \times 8 = 120$	
$15 \times 9 = 135$	
$15 \times 10 = 150$	
$15 \times 11 = 165$	
$15 \times 12 = 180$	

Date: 27th July, 2021Day: Tuesday**Unit 2****Exercise:2****Topic: Factors****Learning Objectives:** Enables to students to learn about factors

Q5). Find the factors of the given numbers

f) 22

Solution.

Parent's Sign: _____

g) 6

Solution.

h) 49

Solution.

i) 38

Solution.

Learn and write table 16

$16 \times 1 = 16$	
$16 \times 2 = 32$	
$16 \times 3 = 48$	
$16 \times 4 = 64$	
$16 \times 5 = 80$	
$16 \times 6 = 96$	
$16 \times 7 = 112$	
$16 \times 8 = 128$	
$16 \times 9 = 144$	
$16 \times 10 = 160$	
$16 \times 11 = 176$	

OParent's Sign: _____

$16 \times 12 = 192$	
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Date: 28th July, 2021Day: Wednesday**Unit 2****Exercise:2****Topic: Multiples****Learning Objectives:** Enables to students to learn about Multiples

Q6). Find the multiples of the given numbers.

a) **3****Solution.**

Multiples of the 3 = 3, 6, 9, 12, 15, 18, 21, 24, 27, 30

a) **3****Solution.**b) **5****Solution.**c) **8****Solution.**d) **2****Solution.****Learn and write table 17**

Parent's Sign: _____

$17 \times 1 = 17$	
$17 \times 2 = 34$	
$17 \times 3 = 51$	
$17 \times 4 = 68$	
$17 \times 5 = 85$	
$17 \times 6 = 102$	
$17 \times 7 = 119$	
$17 \times 8 = 136$	
$17 \times 9 = 153$	
$17 \times 10 = 170$	
$17 \times 11 = 187$	
$17 \times 12 = 204$	

Date: 29th July, 2021Day: Thursday**Unit 2****Exercise:2****Topic: Multiples****Learning Objectives :** Enables to students to learn about Multiples

Parent's Sign: _____

Q6). Find the multiples of the given numbers.

e) 7

Solution.

f) 6

Solution.

g) 4

Solution.

h) 9

Solution.

Learn and write table of 18

$18 \times 1 = 18$	
$18 \times 2 = 36$	
$18 \times 3 = 54$	
$18 \times 4 = 72$	
$18 \times 5 = 90$	
$18 \times 6 = 108$	
$18 \times 7 = 126$	
$18 \times 8 = 144$	
$18 \times 9 = 162$	
$18 \times 10 = 180$	
$18 \times 11 = 198$	
$18 \times 12 = 216$	

OParent's Sign: _____

Date: 30th July, 2021Day: Friday**Unit 2****Exercise:2****Topic: Composite numbers****Learning Objectives:** Enables to students to learn about **Composite numbers****Identify the Composite numbers and colour them.**

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Learn and write table of 19.

$19 \times 1 = 19$	
$19 \times 2 = 38$	

OParent's Sign: _____

$19 \times 3 = 57$	
$19 \times 4 = 76$	
$19 \times 5 = 95$	
$19 \times 6 = 114$	
$19 \times 7 = 133$	
$19 \times 8 = 152$	
$19 \times 9 = 171$	
$19 \times 10 = 190$	
$19 \times 11 = 209$	
$19 \times 12 = 228$	

Date: 31st July, 2021

Day: Saturday

Unit 1

Exercise:1

Topic: Word problem

Learning Objectives: Enables to students to learn about **Word problems**

Solve the following:

Q3. Nida bought a laptop for Rs 59 453 and spent Rs 12 652 on repairing. How much total amount did she spend?

Solution :

OParent's Sign: _____

Nida bought a laptop in = Rs 59 453

She spend on repairing = Rs 12 652

Total amount did she spend = 59 453 + 12 652

= Rs 72 105

Q3. Nida bought a laptop for Rs 59 453 and spent Rs 12 652 on repairing.
How much total amount did she spend?

Solution :

Q4. In granary there are 66 375 bags of wheat and rice. If the number of wheat bags are 44 468 then find out the number of bags rice.

Solution:

OParent's Sign: _____

Bags of wheat and rice are = 66 375

Bags of wheat = 44 468

Bags of rice = 66 375 - 44 468

= 21 907

Q4. In granary there are 66 375 bags of wheat and rice. If the number of wheat bags are 44 468 then find out the number of bags rice.

Solution:

Learn and write table 20

$20 \times 1 = 20$	
$20 \times 2 = 40$	
$20 \times 3 = 60$	
$20 \times 4 = 80$	

Parent's Sign: _____

$20 \times 5 = 100$	
$20 \times 6 = 120$	
$20 \times 7 = 140$	
$20 \times 8 = 160$	
$20 \times 9 = 180$	
$20 \times 10 = 200$	
$20 \times 11 = 220$	
$20 \times 12 = 240$	