MATHS MAGIC - 3

(MATHS)



WORK BOOK ANSWERS



INDEX **UNIT-1** Let's Recall 50 - 56 Numbers UNIT-2 57 - 61 Addition UNIT-3 62 - 64Subtraction UNIT-4 65 - 69Multiplication 70 - 75 UNIT-5 Let's share **UNIT-6** 76 - 85 **Data Handling** UNIT-7 86 - 89 Share Equally 88 - 94 **UNIT-8** 91 - 97Shapes around us **UNIT-9** 95 - 99Measurements UNIT-10



- Count sticks and write their numbers.
 - a. 3
- b.
- c. 9
- G. 13
 - 33 g. 50
- Colour the number cards suitable to given number.
 - a. 100
- 10 10
- 10 10 10
- b. 10 1
- 10
 - 10 10 10
- c. 199 199 1
- 1 1000 F2
 - 20 10

WORK SHEET - 2

- Write these numbers in figures.
 The first one is done for you.
 - 7 14
- 29
- 82
- 113 200
- 299

605

- 378 -
- 467 599
- 883 951

WORK SHEET - 3

- Match the following.
 - 6. Seven hundred and thirteen
 - 713 Sixty four
 - 307 Six
 - Five hundred and seventy
 - 570 Three hundred and seven
 - 284 Two hundred and ninety one
 - 291 Two hundred and eighty four

3rd Class-Maths_EM_ (A.P)

- Circle the smallest number in each line. The first one is done for you.
 - A 6
- B. (90)
- C. (285)
- D. 648
- E. (302)
- F. 417
- G (756)
- H. (116)

WORK SHEET - 4

- Write the after number.
 - 3 4, 23 24, 47
 - 3 4, 23 24, 47 48 288 289, 363 364, 499 **50**0
- 2 Write the before number.
 - 19 20, 308 309, 599 600
- 3 Write between number.
 - write between number.
 - 8 **9,** 10 70, 71 72 399 **400,** 401 919, **920** 921

WORK SHEET - 5

- Fill in the blanks.
 - 50
- + 3
- \oplus 1
- 100 ⊕ 50 ⊕ [
- 300 ⊕ 50 ⊕ 5
- 500
 ⊕
 70
 ⊕
 3

 500
 ⊕
 90
 ⊕
 8
- 500 ⊕ 90 ⊕ 8 600 ⊕ 40 ⊕ 7
- 700 ⊕ 70 ⊕ 0 800 ⊕ 0

Write the shortened form for the given numbers.

c.
$$400 + 20 + 8$$

d.
$$500 + 0 + 9$$

e.
$$600 + 40 + 7 =$$

f.
$$600 + 70 + 4 =$$

g.
$$800 + 50 + 2 =$$

Match the following.

852

$$100 + 70 + 3$$

c.
$$900 + 20$$

$$\rightarrow$$
 90 + 6

$$^{\text{M}}300 + 20 + 5$$

WORK SHEET - 7

Write the place value of the underlined digit in the following.

- a) 10
- b) 8
- c) 200

- d) 50
- e) 50

Complete the table.

Face Value	Place Value
5 .	50
6	6
8	800
4	40
5	5
6	600
7	70
8	8
9	900
0	00
Q .	8

3rd Class-Maths_EM_ (A.P)

Circle the biggest number.

ORK SHEET - 8

- 2) 3
- 5/2
- c) 20
- 30
- d) (100)
- 30
- e) 150
- f) 500

Circle the smallest number.

- a) (5)
- 10
- b) (60)
- 90
- c) 100
- (10)
- d) 190
- (120)
- (156) 700
- (500)

228

- 900
- 823

3 Use suitable symbols (<, <, =) to compare the numbers.

- a) >
- b) <
- c) <
- d) >
- f) <
- h) <

WORK SHEET - 9

Arrange the following numbers in Ascending order.

- 9

- 20
- 40

- 98
- 156

0	Arrange the	following	numbers
-	in Descendin	g order.	

20

128

80

756

386

Arrange the following numbers into Ascending and Descending order.

a) Ascending Order:

20

80 70

Descending Order:

b) Ascending Order:

128 546 763 999

Descending Order:

763 546 128

c) Ascending Order:

156

794 864

Descending Order:

794 864

156 42

d) Ascending Order:

115

236 694

Descending Order:

236 115 30 694

WORK SHEET - 10

Do the additions.

39

28

52

50

Do the following.

a) 46

b) 78 c) 89

d) 55

e) 76

f) 89 g) 68

h) 99

Circle the correct answer.

a) 28

b) 44

70

80

70

83

85

WORK SHEET - 13

WORK SHEET - 11

Do the following.

Do the following.

answer in words.

c) Seventy three

d) Ninety eight

f) Twenty seven

WORK SHEET - 12

Do the following.

Do the following.

Complete the table.

51

b) 71

e) 81 ·

70

72

57

e) Thirty six

43

a) 58

d) 80

a) Sixty four

b) Eighty

b) 51

e) 87

Do the following and write the

c) 60

f) 88

30

a) 40

d) 71

Do the following and write the sum in flower pots.

19

75

82

94

96

81

c) 66

f) 87

79

49

54

60

50

66

74

78

50

65

75

80

WORK SHEET - 14.

- Do the following Problems.
 - a)
- (+)
- 0 8 0
- b)
- (+)
- 9 0 6 0 5

T

T

0

O

0

- (+)
- 5

T

- 8 (+)

WORK SHEET - 15

- Do the Subtractions.
 - a) 33
- 33. 40
- 42
- 52 53
- Do the followning
 - a) 42
- b) 54
- c) 62

- d) 73
- e) 71
- 51 53 52 56 54 62 63 67 65 64 73 74 75 78 76 85 84 89 87 86

-	1	2	3	4
48	47	46	45	44
36	35	34	33	32
74	73	72	71	70
93	92	91	90	89

WORK SHEET - 16

Do the following.

39

- 48 57 55 65
- Do the following.
 - a) 14
- b) 18
- c) 24

- d) 37
- e) 48
- f) 58

- g) 58
- h) 56
- i) 69

WORK SHEET - 17

- Do the following Subtractions.
- 29
- 38
- Do the following.
 - a) 06
- b) 28
- c) 35
- d) 45

- e) 55 f) 34 g) 67 h) 46

WORK SHEET - 18

- Verify the answer by addition.
 - a)
- b)

c)	T	0			
	7	0		T	0
_	6	1	\rightarrow	0	9
	0	9		6	1
	_			7	0

d)	T	0			
	8	1		T	0
-	1	9	\rightarrow	1	9
	6	2	+	6	2
	_			8	1

e)	T	0			
	8	6		T	0
-	5	3	\rightarrow	3	3
	3	3	+	5	3
				8	6

f)	T	0	War a		
	8	7		T	0
-	3	8	\rightarrow	3	8
	4	9	+	4	9
1		_		8	7

- 1 Do the following.
 - a) 68
 - b) 24 refers to pages with pictures.
 - c) We should find number of pages without pictures.
- 2 a) 60
 - b) 28
 - c) Subtraction
- 3 areoplane
- Number of students in a Class = 62Number of boys in a clas = 34Number of girls = 62 - 34 = 28

3rd Class-Maths_EM_ (A.P)

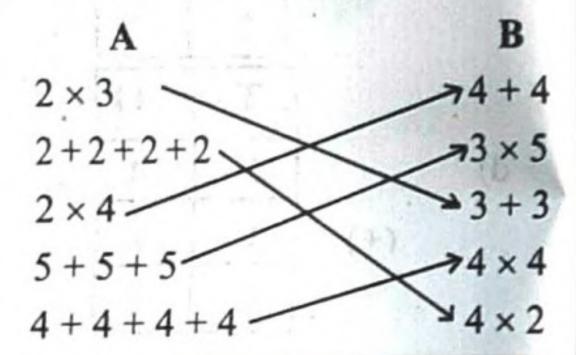
.	T	0
	6	2
(-)	3	4
1	2	8

WORK SHEET - 20

For each multiplication, write the addition fact. And write the answer.

2+2+2+2+2	10
10 + 1= + 10 + 10	40
1+1+1+1	5
8+8+8	24
5+5+5+5	25
3+3+3+3+3+3	21

Match the following.



WORK SHEET - 21

Do the following.

0	8	0	3
4	15	0	3
3	0	2	0

2 Order of multiplication

 $3 \times 2 = 6$

WORK SHEET - 22

1 Find the multiplication fact.

 24
 36
 26
 20

 55
 44
 39
 50

 28
 48
 30
 22

Do the following.

a. Number of eggs in a carton

- Number of cartons
- Number of eggs in a carton
- \times number of cartons = 30×2
- Total Number of eggs = 60
- **b.** Number of packets
 - Number of biscuits in

- Number of packets × number of biscuits in a packet = 4×12
- Total number of biscuits = 48

WORK SHEET - 23

Do the repeated subtraction.

$$8 - 4 = 4$$

$$4 - 4 = 0$$

$$8 \div 4 = 2$$

$$c. 9 \div 3$$

$$9 - 3 = 6$$

$$6 - 3 = 3$$

$$3 - 3 = 0$$

$$9 \div 3 = 3$$

$$d. 12 \div 4$$

$$12 - 4 = 8$$

$$8 - 4 = 4$$

$$4 - 4 = 0$$

$$12 \div 4 = 3$$

e.
$$15 \div 5$$

$$15 - 5 = 10$$

$$10 - 5 = 5$$

$$5 - 5 = 0$$

$$15 \div 5 = 3$$

WORK SHEET - 24

1 a.
$$4 \div 2 = 2$$

$$\frac{4}{0}$$

b.
$$6 \div 3 = 2$$

c.
$$6 \div 4 = 1$$

d.
$$9 \div 5 = 1$$

e.
$$6 \div 4 = 1$$

f.
$$8 \div 7 = 1$$

g.
$$12 \div 8 = 1$$

h.
$$15 \div 9 = 1$$

$$\frac{9}{6}$$

WORK SHEET - 25

- - Number of pencils = 6
 - Number of friends = 3
 - Number of pencils each will get
 - = number of pencils
 - ÷ number of friends
 - $= 6 \div 3 = 2$

Number of players = 8

Number of teams = 4

Players in each team = Number of players ÷ Number of teams

$$= 8 \div 4 = 2$$

Number of balls = 18

Number of groups = 2

Number of balls got by each groun = Number of balls

+ Number of groups

$$= 18 \div 2 = 9$$

Number of dolls = 32

Number of colours = 4

Number of dolls in each colour

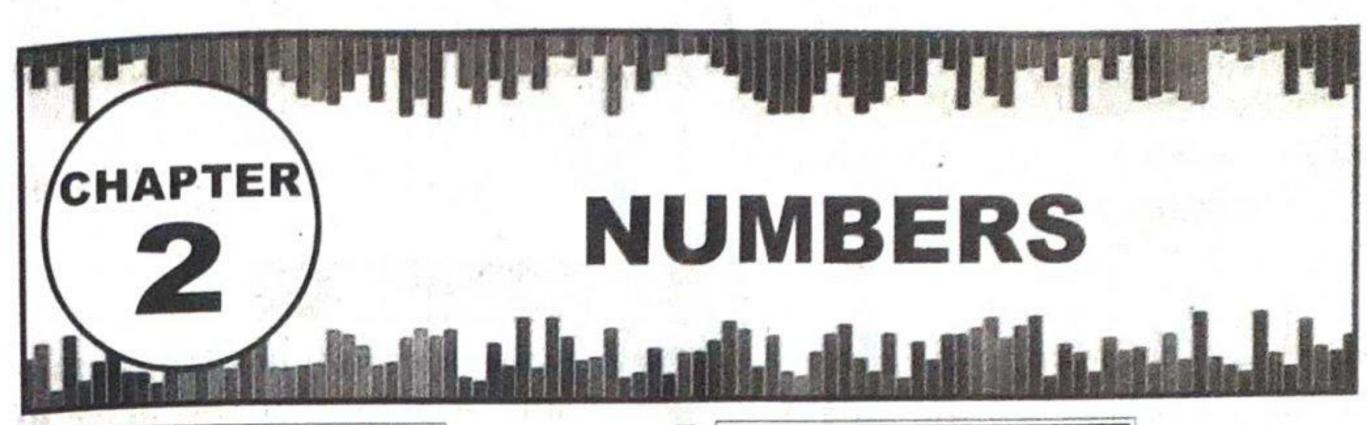
$$= 32 \div 4 = 8$$

WORK SHEET - 26

- 3) 12 (4

$$\frac{12}{0}$$

- **B** $18 \div 3 = 6$ 3) 18 (6)
- $16 \div 2 = 8$
- 2) 16 (8
- $14 \div 2 = 7$
- 2)14 (7
- **B** $18 \div 2 = 9$
- 2) 18 (9
- $20 \div 4 = 5$
- 4) 20 (5
 - 20
- $32 \div 3 = 10$



- Reading, writing and comparing3 digit numbers.
 - a. 127 is between 100 and 150
 - b. 951 is between 900 and 1000.
- c. 95 is smallest then 100.
 - d. 326 is between 300 and 400.
 - e. In 162, '6' is in tens palce.
 - f. In 95, '5' is in ones place.

WORK SHEET - 2

1 Colour the numbers as directed.

1.8	9	1000	5
R	G	Br	G
4	1250	457	92
G	Br	Bl	R
1925	990	8	132
Br	В	G	Bl
250	55	1124	23
Bl	R	Br	R

2 Write the missing numbers in the number chart.

1111	1112	1113	1114	1115	1116	1117	1118	1119	1120
1121	1122	1123	1124	1125	1126	1127	1128	1129	1130
1131	1132	1133	1134	1135	1136	1137	1138	1139	1140
1141	1142	1143	1144	1145	1146	1147	1148	1149	1150
1151	1152	1153	1154	1155	1156	1157	1158	1159	1160

3 Write the numbers between 1200 and 1230 in an order.

1200	1201	1202	1203	1204	1205	1206	1207	1208	1209
1210	1211	1212	1213	1214	1215	1216	1217	1218	1219
1220	1221	1222	1223	1224	1225	1226	1227	1228	1229
1230			las e						

Fill in the blanks.

a. 10

134

b. 30

c. 90

d. 100

e, 200

f. 1000

WORK SHEET - 3

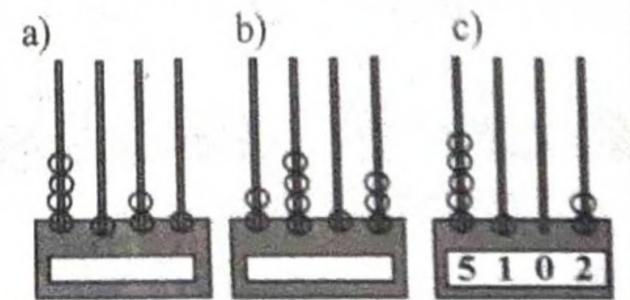
Write the numbers as directed.

Th	Н	T	0	Number
2	6	6	4	2664
. 4	2.	1	0	4210
1	5	4	3	1543
3	0	4	3	3043
2	2	0	0	2200

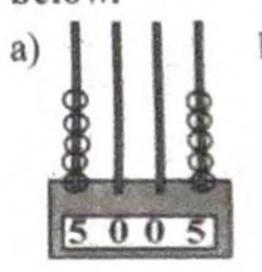
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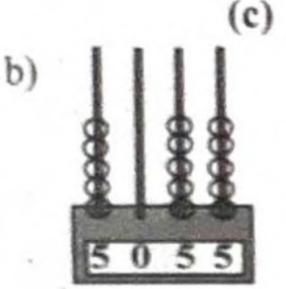
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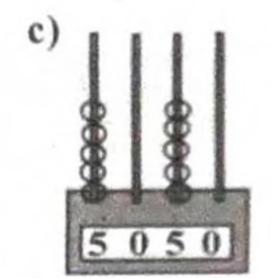
Select the spike abacus to the number 5102.

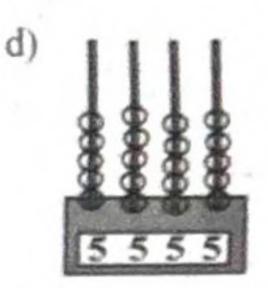


Draw the beads on the following spike abacus for numbers given below.

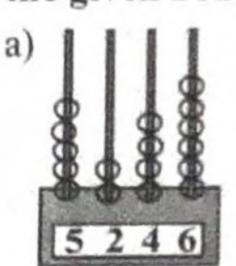




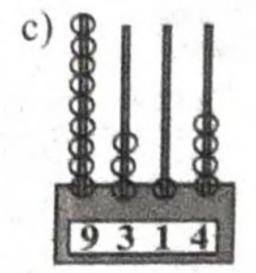


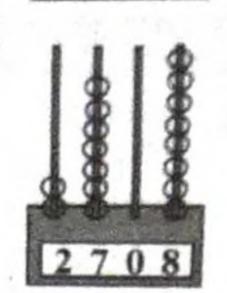


Observe the following spike abacus and write the numbers in the given boxes.









- Write the names of the numbers.
 - a) six thousand nine hundred and eighty four.

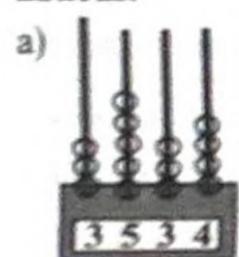
d)

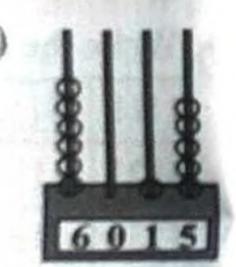
3rd Class-Maths_EM_ (A.P)

- five thousand four hundred and eighty nine.
- c) Eight thousand seven hundred and forty five.

WORK SHEET - 5

- Observe the following picture and write down the price of things in words.
 - a) One thousand nine hundred and eighty six
 - b) Two thousand three hundred and fifty.
 - c) Five thousand
 - d) Eight thousand nine hundred and twenty five.
 - Write the number and number name by observing beads on the abacus.





Read the number names and write in numbers.

a. 2536

b. 4850 c. 6209

d. 8300

f. 9009

WORK SHEET - 6

Read and write 4-digit numbers

Number	Read as			
6510	Six thousand and five hundred ten			
5600	Fixty six thousand			
3873	Three thousand eight hundred and seventy three			
4501	Four thousand five hundred and one.			

Find the place value of each of the digits in the given numbers.

7 hundreds = 700

6 tens = 60

4 ones = 4

Choose the correctt answer.

1. C 2. B

Put a circle for the number with

a) 9752

6597

7563)

b) 2450 3524

1005

c) 4526 (5407)

4036

d) 6430 (5329)

6789

WORK SHEET - 7

Match the following.

a. 4000 + 200 + 60 + 32816

b. 8000 + 400 + 5

> 9030

c. 9000+30-

4263

d. 2000 + 800 + 10 + 6

≥ 8405

Write each of the following in expanded form as shown below.

a. 1000 + 0 + 30 + 4

1 thousand + 0 hundreds + 3 tens

+ 4 ones

b. 3000 + 500 + 0 + 8

3 thousands + 5 hundreds

+0 tens +8 ones

c. 5000 + 600 + 70 + 0

5 thousands + 6 hundreds

+ 7 tens + 0 ones

Write the following numbers in short form.

a. 1111

b. 2064

c. 5004

Choose the correct answer.

b. D a, A

WORK SHEET - 8

Circle the large number in each pair of the following.

372

1500

100

d) 456

e) 2504

f) 1001

Complete the numbers and insert appropriate symbol '<' or '>' or '=' in the box given below.

a) < b) < c) >

d) < e) > f) <

- Observe the following figures. Write the numbers according to picture and use the proper symbol. (<, <, =)
 - a) <
 - b) >
 - c) =

WORK SHEET - 9

Complete the numbers and insert appropriate symbol (<, >, or =) in the box given below.

a) >

b) <

c) >

d) > e) <

g) <

h) <

1) <

524 is a big number.

4365

-)4265

100

By substraction process we tell 4265 is less than 4365.

- So Vijay has more money.
- So Sitaiah produced less paddy.

- Arrange the following in des cending order in the given boxes.
 - a) 5432, 5500, 5596, 5655, 5900
 - b) 1999, 2395, 2650, 3490, 7590
- Arrange the following numbers both in ascending and descending orders.

Ascending Order:

1050, 2500, 3250, 7200, 9700

Descending Order:

9700, 7200, 3250, 2500, 1050

- 3 Use the suitable symbols (<, >) in the blanks.
 - a) 3860 < 4520 < 5050 < 5432

< 6214

b) 9420 > 8536 > 7422 > 7323

> 5500

WORK SHEET - 11

- Observe the following table and write names of objects in ascending and descending orders according to their price.
 - a) Bicycle, Fan, Cot, Television
 - b) Television, Cot, Fan, Bicycle
- Arrange the following numbers in ascending and descending order.
 - a) Ascending Order:

2135, 2581, 3698, 4587, 5879

Descending Order:

5879, 4587, 3698, 2581, 2135

- b) Ascending Order: 4068, 4086, 6048, 6084, 8064
 Descending Order:
- 8064, 6084, 6048, 4086, 4068 c) Ascending Order: 1000, 1001, 1011, 1101, 1110 Descending Order:

1110, 1101, 1011, 1001, 1000

WORK SHEET - 12

1 Numbers in words:

Number	Number name			
3202	Three thousand two hundred and two			
4052	Four thousand fifty two			
7851	Seventy thousand eight hundred and fifty one			
3356	Three thousand three hundred and fifty six			

-	7	8	5	1	4	8	6	7	5
					0				
	3	3	5	6	3	2	0	2	3

4 1 7 8 7 2 9 5

2 Who am I?

a) 54

b) 025

WORK SHEET - 13

- Number formed: 4763

 Four thousand and seven hundred and sixty three
- 2 8732, 8723, 8273, 8372, 83²⁷, 8237, 7823, 7832, 7328
- 3 Asending Order:

8273, 8327, 8372, 8723, 8732

Descending Order:

8732, 8723, 8372, 8327, 8273

	1111				1.				
5051	5052	5053	5054	5055	5056	5057	5058	5059	5060
5061	5062	5063	5064	5065	5066	5067	5068	5069	5070
5071	5072	5073	5074	5075	5076	5077	5078	5079	5080
5081	5082	5083	5084	5085	5086	5087	5088	5089	5090
5091	5092	5093	5094	5095	5096	5097	5098	5099	5100

Write largest and smallest 4-digit numbers using the given digits.

Largest Number	Smallest Number
5431	1345
9321	1239
7653	3567
9860	6089

- Observe the following table and answer the questions. The population of different villages in Bukkapatnam mandal as per 2011 census is shown below.
 - a) Kothakota
 - b) Krishnapatnam
 - c) Kothakota and Marala
 - d) B

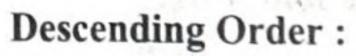
SELFASSESSMENT

- 1. Write the following numbers names in numerals.
 - a) 3624
 - b) 643
 - c) 4116
 - d) 7256
- 2. Write the place value of the underlined digit.
 - a) 7 tens
 - b) 1 hundred
 - c) 8 tens
 - d) 5 Hundred
 - e) 7 thousand
 - f) 9 ones
 - g) 6 thousand
 - h) 4 ones

3. Freedom fighters of India and their birth years.

Ascending Order:

1869 1889 1891 1901



1901 1891 1889 1869

- 4. Write >, <, = which ever is applicable.
 - a) > b) < c) = d) =
- 5. Match the following.

c)
$$8342/$$
 $\times 8000 + 300 + 20 + 4$

- 6. 2368, 2386, 3268, 3286
- 7. 4728 8042



ADDITION

WORK SHEET - 1

- Do the below additions.
 - a) 97
- b) 87
- c) 82
- d) 63
- Do the following.

 - a) 43 b) 60
 - c) 78
- d) 90
- Fill in the blanks.
 - a) 51
- b) 52
- a) 81
- b) 70
- e) 99

WORK SHEET - 2

- Do the following.
 - a) 110
- b) 143
- c) 138
- d) 130
- e) 112
- Do the following.
 - a) 64
- b) 90
- c) 78
- d) 77
- Write the numbers for given number names and do the addition.
 - a) 70 + 80 = 150
 - b) 44 + 65 = 109
 - c) 39 + 95 = 134
 - d) 90 + 10 = 100
 - e) 80 + 77 = 157
- Do the following.
 - a) 133
- b) 158

WORK SHEET - 3

- Do the following.
 - a) 105
- b) 327
- c) 458 d) 709
- Using number line, do the following.
 - a) 366
- b) 365
- c) 369
- d) 2
- Do the following.
 - a) 536 b) 593
 - c) 703
- d) 767
- Write the answer in the blanks.
 - a) 360 + 5 = 365
 - b) 722 + 7 = 729
 - c) 162 + 1 = 163

WORK SHEET - 4

- Do the following.
 - a) 168
- b) 370
- c) 499
- d) 799
- Match the following.

4585

3 Complete the puzzle.

500	+	25	=	525
+		+	National	+
4	+	110	=	114
		11		=
504	+	135	=	639

- Do these.
 - a) 214
- b) 312
- c) 358
- d) 383

WORK SHEET - 5

- 1 Do the following.
 - a) 834
- b) 462
- c) 680
- d) 979
- 2 Find and write the missing numbers in boxe.
 - a) 1 2
- b) 4 4
- c) 4
- d) 5 2 6
 - 4 2 3
- a) About types and number of birds the information is given.
 - b) Number of birds we have to find.
 - c) We follow addition of number to solve.
 - d) Total number of birds

$$= 390 + 215 = 603$$
 Birds

Amount at Yaswanth = ₹ 315

Amount given by his Mother

₹ 250

Finally amount at

(+)

Yaswanth

= ₹ 565

WORK SHEET - 6

- 1 255
- 2

-		
Н	T	0
3	2	4
1	1	2
4	3	6

3 Number of red H T C colour kites = 1 1 2

Number of blue

coloured kites

 $= 1 \ 2 \ 0$

Number of green

colour kites

 $= 1 \quad 3 \quad 3$

Total Kites

(+) = 3 6 5

н т о

4 Number of mango

trees in the garden

1 1 6

Number of coconut

trees in the garden= 0 9

(+)

Total trees in the garden

= 2 1 1

WORK SHEET - 7

- 1 Do the following.
 - a) 292
- b) 574
- c) 753
- d) 901
- 2 Do the following.
 - a) 353
- b) 535
- c) 801
- d) 913
- B) Do the following additions.
 - a) 972
- b) 364
- c) 761
- d) 1001

- Write the answer in the blanks.
 - a) 454 + 8 = 462
 - b) 758 + 4 = 762
 - c) 369 + 1 = 370
 - d) 876 + 5 = 881

- 1 Do the following.
 - a) 583
- b) 683
- c) 851
- d) 953
- 2 Do the following.
 - a) 304
- b) 541
- c) 731
- d) 981
- Identify the correct answer and circle it.
 - a) 382
- b) 630
- c) 802
- d) 990
- Do the following.
 - a) 321
- b) 384
- c) 505

WORK SHEET - 9

- 1 Do the following.
 - a) 402
- b) 793
- c) 803
- d) 840
- 2 Do the following.
 - a) 1,043
- b) 1,203
- c) 1,284
- d) 1,672

Complete the grid by doing additions.

+	100	235	658	809
300	400	535	958	1109
457	557	692	1,115	1,266
486	586	721	1,144	1,295
713	813	948	1,371	1,522

WORK SHEET - 10

- (1) a) Leena buys the roses
 - b) Leena give away 175 roses.
 - c) Addition is involved in this problem.
- 2 1059

WORK SHEET - 11

Raju went to a to toy shop to buy 2 toys. He had ₹ 1000 with him. The cost of the toys is given below. Help him to solve the following questions.

- 1 Teddy bear cost is more
- 2 Cost of Barbie = ₹2

Cost of teddy bear = 47 450

Total cost of both toys= ₹ 700

He can buy possible two toys

Train and Helicopter (or) Remote
car and Barbie



SUBTRACTION

WORK SHEET - 1

Sub Topic: Subtraction of 1 - digi number from 3 - digit Number.

- Do the following:
 - a) H T
- b) **H T O**
- 6 7

- 3 6
- c) H
- d) H 0

- 6 3
- e) H
- H
- 9

- 6
- g) H
- H h) 0
- 8 6
- 6

BAB

- 6
- 0 5
- H

Do the following:

a) 651



- b) No. Mangoes = 469

 - No. of rotten mangoes = (-)8
 - No. of remaning magoes
 - = 461
- c) 5th number before 125 is

$$125 - 5 = 120$$

WORK SHEET - 2

Sub Topic: Subtraction of 2 - digi number from 3 - digit Number.

- Do the following:
 - H
- H

- 5 6
- c) H

- 2

Answer the following:

- a) Coins
 - We want to find no.of removed coins
- b) No. of trees in the farm want to find remaining trees Subtraction trees.

c) 3. 7 6 (_) 4 5 3 3 1

WORK SHEET - 3

- Sub Topic: Subtraction of 2 digi number from 3 - digit Number.
- Do the following :
 - a) H T O
- b) H T (
- 1 8 8
- 2 4 5
- -1 0 7
- -1 0 2
- 0 8 1
- 1 4 3
- c) H T O
- d) H T O
- 3 7 9
- 5 7 8
- $-2 \cdot 1 \cdot 4$
- -1 2 4
- 1 6 5
- 4 5 4
- Answer the following:
 - a) No. of soldiers in the battalion. and no.fo guns available.
 - = No. of guns required Subtraction process.
 - b) H T O
 3 8 0
 -2 7 0
 - c) = 476= 245= 476 - 245 = 231
 - * * *

WORK SHEET - 4

- Sub Topic: Subtraction of 1 digi number from 3 digit Number, (borrowing)
- 1 Do the following:
 - a) H T O 0 12 1 Ø 2
- b) H T O 3 15 3 8
- 4
- 9

3

6

- c) H T O
- d) H T O 1 13 6 2 3
- 7
- 1
- 4 3 9
- 6 1 8 f) H T O
- e) H 1 0 4 16 7 A 6
- 1 14 8 1 14
- 8
- 9
- 2 Answer the following:
 - a) 734
 - b) 257 8 = 249
 - c) 404 7 = 397
 - d) 519 7 = 512

WORK SHEET - 5

- Sub Topic: Subtraction of 3 diginumbers with regrouping.
 - a) 0 13 17 2 A 1
- b) 3 10 17
- -1 5 9
- -299
- 0 8 8
- 1 1 8

- 2) = Cost price of radio
 - Required move money to bus toys.
- 3) = Makes toys
 - = want still to make toys
 - = Subtraction

$$4) = 999$$

$$= (-) 100$$

$$= 899$$

Sub Topic: Subtraction of 2 - digi numbers from 3 - with regrouping.

Answer the following question:

П	1	U	
2	1	4	
_	4	5	

H

Answer the following question:

- 2. = No. of people in village, left them from village
 - = No.of people left the village.
 - = Subtraction

- 3. = 192 = 98
 - = Subtraction

$$4. = 1 \ 3 \ 8$$

$$= (-) \ 9 \ 6$$

WORK SHEET - 7

Sub Topic : Subtraction by complimentary addition

Do the following substractions.

1. No.of boxes chance to load

$$= 480$$
No.of loded boxes
$$= (-)295$$

No. of boxes to be loaded =
$$185$$

$$2. = 315 - 238 = 97$$

- 3. No of marks to rise = 400Student got marks = (-) 280 Want to get more marks = 120
- 4. No of work books has to correct
 = 145

$$=$$
 (-) 137

WORK SHEET - 8

Sub Topic: Word problems subtractions

- 1. = No. of Tamarind seeds
 - = Jabeen and Mohan
 - = Mohan
- 2. = No. of hens and sold ones.
 - = No of hens left
 - = Subtraction

$$3. = 475$$

$$= (-)175$$

$$300$$

4. No of audience in the ground

= 475

No of audience who are

supporting Team - A = 234

No of audience who are (-)

supporting Team - B = 241

WORK SHEET - 9

Sub Topic: Word problems subtractions

- 1. = ₹ 700 = ₹ 575 (-) = ₹ 125
- 2. No of bats in the shop = 600No of bats sold out = (-) 350 No of bats left = 250
- 3. Cost of shirt = ₹ 450 No of bats sold out = (-) ₹ 375 No of bats left = ₹ 75
- 4. No. of cakes in bakery = 380No of cakes sold out = (-) 195 No of bats left = 185

WORK SHEET - 10

Sub Topic: Word problems subtractions

- a) Out of 300 student, 206 are girls.
 How many boys are there?
 - b) A student got 225 marks. He wishes to raise up to 625 marks. How many more marks should he get?
 - c) The cost price of radio is ₹ 999.

 If Sohan has ₹100, how much more money is required to buy?

- d) By how much 824 is greater than 427?
- 2. Given amount = ₹ 500
 Bill cost = (-) ₹ 215
 Amount he gets back = ₹ 285
 3. Total books in a shelf = 350
- 3. Total books in a shelf = 350
 No of books kept aside = 139
 No. of books in other side = 211

WORK SHEET - 11

Sub Topic : Problems on mental Subtraction.

- 1. Fill in the blanks
 - a) 400
 - b) 450, 150
 - c) 300
 - d) 500, 400, 300
 - e) 999 1 = 998
- 2. Observe, and fill in the circles.
 - b) 7 117 - 7 = 10 - 1 = 9
 - c) 8 1 18-8=10-1=9
- 3.
 - b) -1 = 299 d) -1 = 599 -1 = 234 -1 = 538-65 (-)
- e) -1 = 699 g) -1 = 899 -1 = 472 -1 = 783
 - (-)
- (-)

Sub Topic: Subtraction by estimation.

- b) 20
- c) 50
- d) 80

2. Round off to nearest 100's

- h) 100 i) 300
- j) 600
- 3. No. of pens Durga has 32
 - Round off to nearest 10's = 30
 - No. of pens Ali has 68
 - Round off to nearest 68's = 70
 - Difference is = 70 30 =
- 4. Suguna gave amount = ₹ 100 Finally amount at Kiran = ₹ 416 In beginning amout at Kiran

5. No. of eggs in chool =₹590 = 600

No. of eggs used her lunch = ₹ 280 = 300

No.of eggs left = ₹ 600 - 300 = 300

WORK SHEET - 13

Sub Topic: Self Assessment Sheet

- 1. Fill in the blanks.
 - a) Subtrahend
- b) 125
- c) 900 200 = 700
- choose the right answer and write the correct answer in brackets.
- a) c b) 80
- 3. What is the worng in the following problem? Explain and correct it.

Correction:

Correction:

- a. 453
- (-) 30 423
- 450

- 4. No. of blankets donated in the last = 125year No.of blankets donated in the last = 270year = 270 - 125 = 145Difference
- 6. No. of people lives in an apartment = 158= 90No.of male people lives (-)in an apartment No. of female people lives = 68 in an apartment

S.No	Subject	T.M	E.M	Total
1.	Fun Math	120	60	180
2.	Joy of science	60	40	100
3.	Pictors Stories	115	85	200
4.	Magic	52	0	52
5.	Total Books	347	185	532

- 1) Telugu medium books are more in number.
- 2) 532 books are in total.
- 3) 185 english medium books are there.
- 4)347 185 = 148





MULTIPLICATION

WORK SHEET - 1

Sub Topic: Multiplication and its components.

- 1. Fill in the blanks.
 - a) Multiplicand.
 - b) Multiplier
 - c) Product
- 2. a) Multiplicand = 12
 - b) Multiplier =
 - c) Product = 24

3. Fill this table.

Multiplication	Multiplicang	Multiplier	Total
$5 \times 8 = 40$	5	8	40
$5 \times 8 = 40$	8	5	40
$13 \times 4 = 52$	13	4	52
$4 \times 13 = 52$	4	13	52

- 4. Fill in the blanks.
 - a) Multiplier
 - b) Multiplicand
 - c) Product

WORK SHEET - 2

Sub Topic: Subtraction of 1 - diginumber from 3 - digit Number.

- 1 Do the following:
 - 1) 4
- 2) 2
- 4
- 6
- 16
- 12
- $4 \times 4 = 16$
- $2 \times 6 = 12$

3rd Class-Maths_EM_ (A.P)

3) 3 4) 5 5 2 15 10

-	-	_	_	-	_
2	V	5	_	15	
J	X)	_	13	
					4

 $5 \times 2 = 10$

WORK SHEET - 3

Sub Topic: Deriving new multiplication tables

1. Make table 7 by adding table 5 and 2.

Table - 5	5	10	15	20	25	30	35	40	45	50
Table - 2	2	4	6	8	10	12	14	16	18	20
Table - 7	7	14	21	28	35	42	49	56	63	70

2. Make table 8 by adding table 6 and 2.

Table - 6	6	12	18	24	30	36	42	48	54	60
Table - 2	2	4	6	8	10	12	14	16	18	20
Table - 8	8	16	24	32	40	48	56	64	72	80

3. Make table 9 by adding table 5 and 4.

Table - 5	5	10	15	20	25	30	35	40	45	50
Table - 4	4	8	12	16	20	24	28	32	36	40
Table - 9	9	18	27	36	45	54	63.	72	81	90

WORK SHEET - 4

Sub Topic: Multiplication of 2-digit number by 1-digit number.

- 1 Do the following:
 - a) T O
- b) T
- C
- 1 2
- 4 2
- 150773190

- × 2
- × 3
- x 1

- 2 4
- 126
- 5 7

- d) T O e) T O f) T O 3 7 4 9 3 8 x 2 x 3 x 4 7 4 14 7 15 2
- g) T O h) T O i) T O
 6 5 6 4 3 2
 x 5 × 6 × 7
 325 384 224
- j) T O k) T O l) T O 8 9 9 6 0 x 8 × 9 × 5 51 2 89 1 30 0

Sub Topic: Multiplication of 2-digit number by 2-digit number.

Do the following:

- a) 24 × 17 24 × 17 188
- b) 25 × 24 25 × 24 100
- (+) 24 4 2 8
- . 600
- c) 24 × 17 37 × 39 333 111 1443
- d) 25 × 24 39 × 54 156 195 2106

- f) 42×37 42 $\times 37$ 294126 1554 f) 50×50 $\times 50$ 00250

- k)
 76 × 19
 1)
 84 × 23

 76
 84

 ×19
 × 23

 684
 252

 76
 168

 1444
 1932

WORK SHEET - 6

Sub Topic: Multiplication of 3-digit number by 1-digit number.

Do the following:

- a) 104 × 2 b) 222 × 2 c) 385 × 2 104 222 385 × 2 × 2 × 2 208 444 770
- d) $200 \times 3 = 600$ e) $313 \times 3 = 949$
- f) $342 \times 2 = 684$ g) $999 \times 1 = 999$

- h) $343 \times 2 = 868$
- i) $123 \times 3 = 369$
- i) $221 \times 4 = 884$
- k) $111 \times 4 = 444$
- $101 \times 5 = 505$

Sub Topic: Multiplication of 3-digit number by 1-digit number.

Do the following:

- a) $220 \times 4 = 880$
- b) $100 \times 5 = 500$
- c) $110 \times 5 = 550$
- d) $100 \times 0 = 0$
- e) $110 \times 7 = 770$
- f) $101 \times 8 = 808$
- g) $101 \times 7 = 707$
- h) $100 \times 9 = 900$
- i) $243 \times 2 = 486$
- j) $323 \times 3 = 969$
- k) $111 \times 9 = 999$ 1) $124 \times 2 = 969$
- m) $203 \times 8 = 1624$ n) $101 \times 5 = 505$
- o) $111 \times 7 = 777$

WORK SHEET - 8

Sub Topic: Multiplication with 10 and 100

Do the following:

- a) 140 b) 190 c) 450

- d) 10 e) 10 f) 35

- g) 48 h) 75 i) 3700
- j) 5900 k) 100 l) 100

- m) 79 n) 45×100
- o) 45×100 part of a till to this war with the
- p) $89 \times 100 = 8900$

WORK SHEET - 9

Sub Topic: Oral Maths

Fill the table:

- a) 3
- $3 \times 6 = 18$
- $5 \times 6 = 30$
- $9 \times 6 = 54$
- 10
 - $10 \times 6 = 60$
- b) 5 $5 \times 4 = 20$
- $7 \times 4 = 28$
- 10
- $10 \times 4 = 40$
- $20 \times 4 = 80$
- (d)

Cost of 5fkgs	Cost of 10kg
5 × 35 = ₹ 175	10 × 35 = ₹ 350
5 × 40 = ₹ 200	10 × 40 = ₹ 400
5 × 45 = ₹ 225	10×45 = ₹ 450
5 × 90 = ₹ 450	10 × 90 = ₹ 900
5 × 80 = ₹ 400	10 × 80 = ₹ 800

WORK SHEET - 10

Sub Topic: Multiplication: understanding word problems.

1. No of tables and each table legs are given.

Went to find the total number of legs at all tables.

Multiplication process

- **2.** 5, 5, 15, 15,
- Multiplications

- 3. $= 20 = 3 = 20 \times 3 = 60$

- $= 5 \times 5 = 25$

5. Number of pages = 112 Number of books = 4 Total number of pages = 112 × 4 = 448 pages

WORK SHEET - 11

Sub Topic: Multiplication - word problems.

- 1. = 33 = 3 × 33 = ₹ 99
- 2. The cost at one chocolate = ₹3

 Cost of 18 chocolates

$$= 3 \times 18 = ₹ 54$$

3. Cost of one ice-cream = ₹3

Cost of 23 ice-cream

- 4. Number of pairs at bangles = 16Number of items per each pair = 2Total bangles she has = $16 \times 2 = 32$
- 5. Number of Candles in each packet = 10

Number of packet = 5 Number of candles in 5 packats = $5 \times 10 = 50$

WORK SHEET - 12

Sub Topic: Multiplication - word problems.

- Number of sheets in a packet = 24
 Number of packets = 5
 Number of Total sheets in 5 packets = 24 × 5 = 120 sheets
- 2. Number of chairs in a row = 44

 Number of legs in each chair = 4

 Number of legs totally to all chairs

 = 44 × 4 = 176

- Number of students in the class = 34
 Number of chocolates distributed to each student = 4
 Number of chocolates distributed to all = 34 × 4 = 136
- 4. Cost of a colour pencial box = ₹ 56
 Number of pencial boxes = 9
 The cost of 9 pencil boxes = ₹ 504

WORK SHEET - 13

Sub Topic: Multiplication - word problems (unit to many)

1. Number of legs to each spider

$$= 24 \times 8 = 192 \text{ legs}$$

2. Cost of a book = ₹80

3. Number of cartons in a shelf = 42

No of milk cartons =
$$42 \times 15 = 630$$

to paramy managed have a

32 F - 22 SF

Sub Topic: Multiplication - word problems (unit to many)

Saving amount of venkat = ₹ 65 Number of days in one month

30

Total savings in one month = 65 × 30 = ₹ 1950

2. Number of colour sheets = 79 Cost of each colour paper

Total cost = 79 × 25 = ₹ 1975

3. Number of hours in a day = Number of days in a month = Total hours in a month

 $= 24 \times 30 = 720$

4. No. of pine apples in a box = 100Number of boxes Total pine apples = $12 \times 100 = 1200$

MORK SHEET - 15

Sub Topic: Multiplication - word problems.

1. Number of postal stamps in each chart 212 Number of charts Number of stamps with sophia

 $= 212 \times 4 = 848$

Number of erasers in each child has

Number of children Number of earsers totally

 $= 14 \times 2 = 28$

Cost of guava I dozen 12 items Cost of I dozen guava cost

= 12 × 3 = ₹ 36

Cost of 1 litre milk is 1 week days Cost of a milk for a week $=7\times50=7350$

self assessment

WORK SHEET - 16

- a) Product
 - b) Product
 - c) Zero
- Do the following.
 - a) $12 \times 5 = 60$
 - b) 23×35 $\times 35$ 115 69 705
- Make table 12 by adding tables 10 and 2

10	20	30	40	50	60	70	80	90	100
									20
12	24	36	48	60	72	84	96	108	120

c) $24 \times 10 = 240$

- Number lines each can write in answer sheet = 20 lines Number of pages Total number of lines 12 pages $= 12 \times 20 = 240$ lines
- 5. Number of seats in each row = 32Number of rows in a hall = Total number of seats

 $= 32 \times 23 = 736$ seats

- 6. a) $42 \times 7 = 2814$ Correct Answer: ×7 294
 - a) $42 \times 7 = 2814$. Correct
- Multiplication form: 19×6

8. Answer the following question by the data given below.

S.No.	Item	Price ₹	Number of Items	Total Cost
1.	Pen	5	12	5×12= ₹ 60
2.	Pencil	4	10	4×10 = ₹40
3.	Book	15	18	15 × 18 = ₹ 270

- a) 10 pencils are there.
- b) The total cost of pens is = ₹ 60
- c) The total cost of books is = ₹270
- d) The total cost of three items is = ₹ 370





Sub Topic: Introductions of division.

1. Fill in the boxes with appropriate numbers.

Division form	Dividend	Divisior	Quotient
$36 \div 4 = 9$	36	. 4	9
$39 \div 3 = 13$ 39		3	13
$40 \div 2 = 20$	40	2	20
$66 \div 6 = 11$	66	6	11
$45 \div 9 = 5$	45	9	5
64 ÷ 8 = 8	64	8	8

2. Fill in the blanks (Take help of your teacher to solve the following)

Dividend	Divisor	Quotient	Division form
15	3	5	$15 \div 3 = 5$
24	2	12	$24 \div 2 = 12$
30	10	3	$30 \div 10 = 3$
25	. 5	5.	$25 \div 5 = 5$
42	7	6	$42 \div 7 = 6$

WORK SHEET - 2

Sub Topic: Respeate subtraction:

1.
$$32 \div 8 =$$

$$32 - 8 = 24$$

Here '8' is

$$24 - 8 = 16$$

subtreated 4 times

$$16 - 8 = 8$$

$$8 - 8 = 0$$

S0,
$$32 \div 8 = 54$$

$$2. \ 45 \div 9 =$$

$$45 - 9 = 36$$

$$36 - 9 = 27$$

Here '9' is subtreated 5 times

$$27 - 9 = 18$$

$$18 - 9 = 9$$

$$9 - 9 = 0$$

S0,
$$45 \div 9 = 5$$

3rd Class-Maths_EM_ (A.P) I

3.
$$49 \div 7 =$$

$$49 - 7 = 42$$

$$42 - 7 = 35$$

$$35-7=28$$
 Here '7' is subtreated 7 times

$$28 - 7 = 21$$

$$21 - 7 = 14$$

$$14 - 7 = 7$$

$$7 - 7 = 0$$

S0,
$$49 \div 7 = 7$$

$$4. 30 \div 6 =$$

$$30 - 6 = 24$$

$$24 - 6 = 18$$

Here '9' is

$$18 - 6 = 12$$

subtreated 5 times

$$12 - 6 = 6$$

$$9 - 9 = 0$$

S0,
$$45 \div 9 = 5$$

WORK SHEET - 3

Sub Topic: Division related facts.

- 1. Match the following.
 - a) h
- b) g
- d) f

- e) a
- f) b
- g) c

c) d

- 2. Match the following.
 - a) c
- b) a
- c) e
- d) b

e) d

WORK SHEET - 4

Sub Topic: Multiplication and division facts

Based in the picture given below, write one division and one multiplication fact. One is done for you.

1.
$$8 \times 2 = 16$$
 $16 \div 2$

$$=8, =8$$

2.
$$9 \times 2 = 18$$
 $18 \div 2$

$$18 \div 2$$

3.
$$18 \times 2 = 36 \quad 36 \div 6$$

$$36 \div 6 = 6, =6$$

WORK SHEET - 5

Sub Topic: Relation between multiplication and division.

Fill in the blanks. One is done for you.

c)
$$8 \times 7 = 56$$
 d) $9 \times 7 = 63$

d)
$$9 \times 7 = 63$$

$$7 \times 8 = 56$$

$$7 \times 8 = 56$$
 $7 \times 9 = 63$

$$56 \div 7 = 8$$
 $63 \div 9 = 7$

$$63 \div 9 = 7$$

$$50 \div 8 = 7$$
 $63 \div 7 = 9$

$$63 \div 7 = 9$$

e)
$$9 \times 6 = 54$$
 d) $4 \times 5 = 45$

d)
$$4 \times 5 = 45$$

$$6 \times 9 = 54$$
 $5 \times 9 = 45$

$$5 \times 9 = 45$$

$$54 \div 9 = 6$$

$$54 \div 9 = 6$$
 $45 \div 9 = 5$

$$54 \div 6 = 9$$

$$45 \div 5 = 9$$

WORK SHEET - 6

Sub Topic: Relation between multiplication and division.

Fill in the blanks. One is done for you.

- a) 6 b) 0 c) 4 d) 4 e) 2

WORK SHEET - 7

Sub Topic: Division facts.

1. Write down division facts for the following. One is done for you.

Division form - 1	Division form - 2
$27 \div 3 = 9$	$27 \div 9 = 3$
$40 \div 8 = 5$	$40 \div 5 = 8$
$21 \div 3 = 7$	$21 \div 7 = 3$
$36 \div 4 = 9$	$36 \div 9 = 4$
$40 \div 5 = 8$	$40 \div 8 = 5$

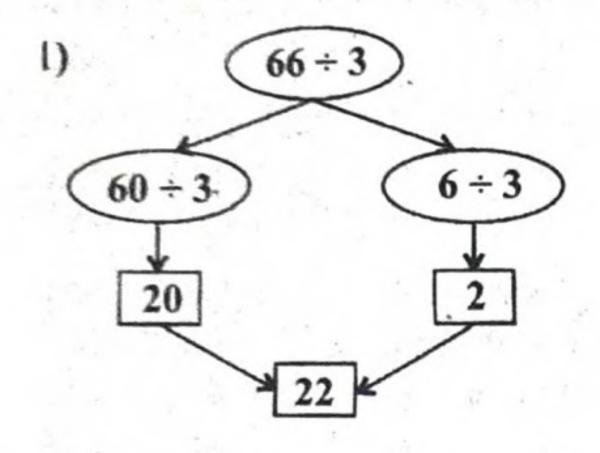
2. Fill in the blanks.

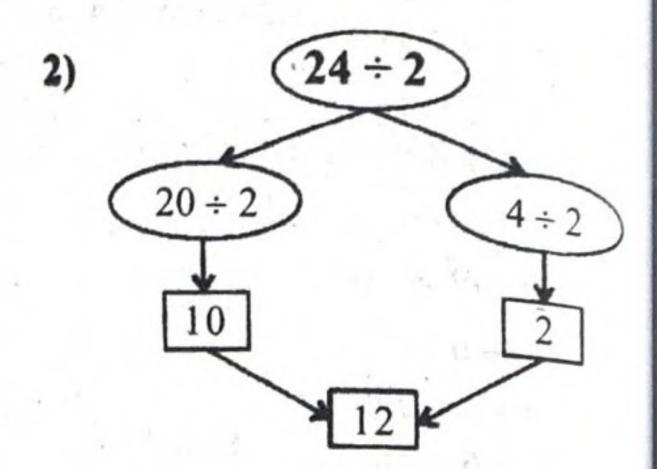
- a) 7
- b) 7
- c) 7

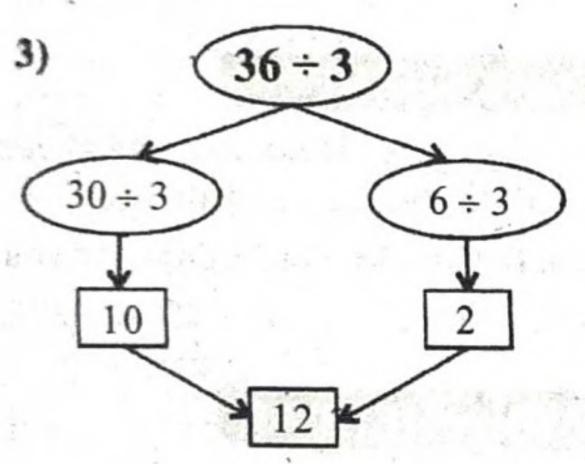
- d) 10
- e) 9
- f) 5

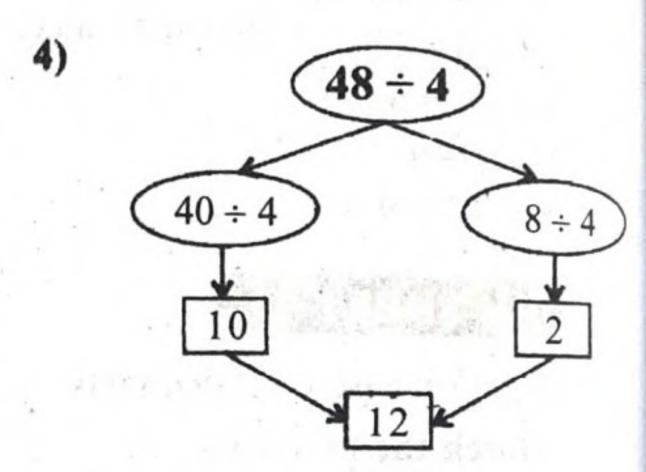
- g) 28
- h) 42
- i) 64

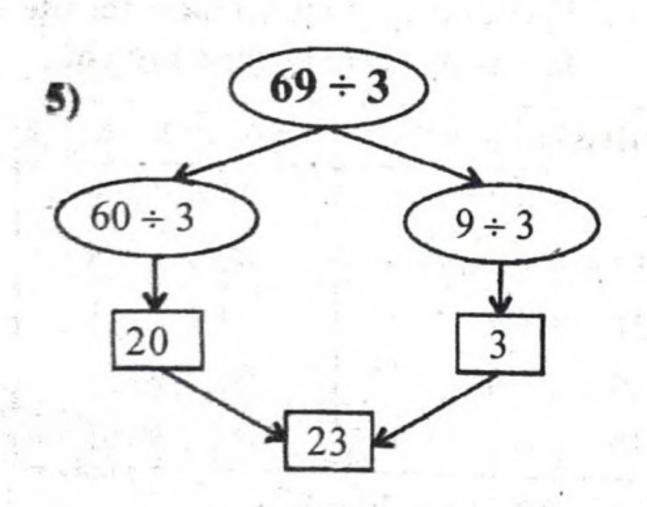
Sub Topic: Expanded form division. Fill in the blanks. One is done for you.

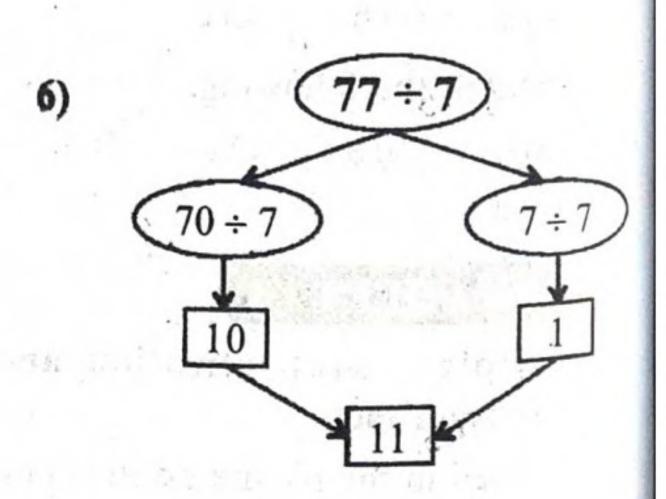












Sub Topic: Division of 2 digit number by 1 digit number (with out remainder) Fill in the blanks. One is done for you.

- (-)60
 - = 68Dividend Divisior = 34Quotient Remainder = 0
- B)
- Dividend = 75Divisior = 3Quotient = 25Remainder = 0
- Dividend = 64Divisior Quotient = 16Remainder = 0

- D) -) 53 Dividend = 85Divisior = 5
 - Quotient = 17Remainder = 0
- 16 Dividend = 72Divisior = 6 Quotient = 12Remainder = 0
- 0 = 84 Dividend Divisior Quotient = 12Remainder = 0

WORK SHEET - 10

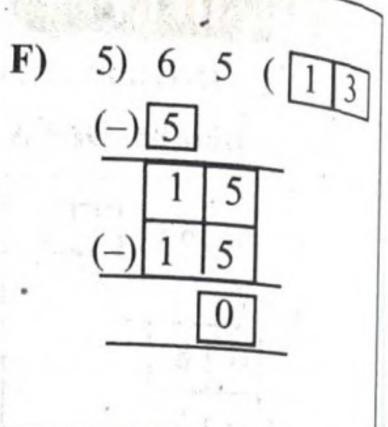
Sub Topic: Division of 2 digit number by 1 digit number. Fill in the blanks. One is done for you.

E)

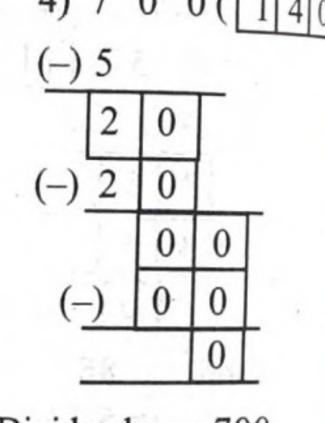
- A) 0
- **B**) 3) 3 -) 3
- C) (-)[3]

D)	4)	5	6	(1	14
	(-	1	6	T	-	35 PV
	(-)	1	6		v.E	
			0		- 1	

()	5)	4	5	09	
	(-)	0	1	- J. b.	
		4	5		
	(-)	4	5.		
	_	1,0	0	_	



Sub Topic: Division of 2 digit number by 1 digit number. Fill in the blanks. One is done for you.



3)

Dividend	$\hat{\boldsymbol{x}} = \boldsymbol{x}$	500	
Divisior	=	4	
Quotient	=	125	1:3
Remainder	= 1	0	•

Dividend =
$$600$$

Divisior = 3
Quotient = 200
Remainder = 0

7) 6 0 0 (8 5

Dividend	= 700
Divisior	= 5
Quotient	= 140
Remainder	= 0

1)	6) 6 (-) 6	Ų (_	110
-	0	0	-	
	(-)	0		
tion		0	6	\$ 1
-	(-)	0	6	1
			0	

Γ	4	0	property from
	4		(-)
0	4		1
5	3	-)	(-
5	1		

0	5	-	
	5		_
-	5	0	
-)	4	5	L
1		5	1

Dividend	=	606
Divisior	=	6
Quotient	=	101
Remainder	=	0

	1	1011	
Dividend	=	500	
Divisior	=	9	
Quotient	=	55	
Remainder	=	5	

Sub Topic: Division of 2 digit number with 1-digit number. Fill in the blanks. One is done for you.

A) 6) 7 1 1 (118

(-) 6			
1	1		
(-)	6		
-	5	1	
(-)	4	8	
		3	_

B) 7) 3 5 6(500

	0	0	Γ	
-)		0		
		0	6	
(-	-)	0	0	
ĺ			6	_

C) 8) 4 6 3 (5 7

8) 4	6 3	3 ([:	5 7
0	6	Γ	
(-)	0		
E) .	6	3	1
(-)	5	6	
.) (.		7	

D) 9) 5 9 6 (6 6 6

(-)	0	0		
	5	9	2.75	
(-)	5	4		W
		5	6	
(-	-)	5	4	
			2	

E) 6) 6 1 6 (1 0 2

(-)	6		_	
à -	0	1	Γ	
(-)	- tr	0	1,1	
È a	44	1	6	
(-)	1	2	
			4	

- F) 5) 7 4 3 (1 4 8
 - (-) 5 2 4 (-) 2 0 4 3 (-) 4 0 3

F) 3) 8 8 7 (2 9 5

(-) 6	1		
2	8	Γ	
(-) 2	7		
	1	7	
(-)	1	5	
		2	

- H) 4) 9 5 3 (2 3 8
 - (-) 8 (-) 1 5 (-) 1 2 (-) 3 3 (-) 3 2

Sub Topic: Division Vocabulary.

Divide and find the quotient reamainder and write division vocabulary. One is done for you,

- 2) 14 + 3
 - 3) 14 (4
 - (-) 0 14
 - (-) 12
- Dividend = 14
- Divisior = 3
- Quotient = 4
- Remainder = 2

- 3) 28 ÷ 4 4) 28 (7 (-) 28
- Dividend = 28
- Divisior = 4
- Quotient = 7
- Remainder = 0

- 4) 38 ÷ 9 9) 38 (4 (-) 0 38
 - (2)

(-) 36

- Dividend = 38
- Divisior = 9
- Quotient = 4
- Remainder = 2

- 5) 45 + 8
 - 8) 45 (5
 - 45
 - 40
- Dividend = 45
- Divisior = 8
- Quotient = 5
- Remainder = 5

- 6) 67 ÷ 7 7) 67 (9 0 67 63
- Dividend = 67
- Divisior = 7
- Quotient = 9
- Remainder = 4

- Dividend = 71
- Divisior = 6
- Quotient = 11
- Remainder = 5

- 8) 85 ÷ 8
 - 8) 85 (5
 - 5
 - <u>(5)</u>
- Dividend = 85
- Divisior = 8
- Quotient = 10
- Remainder = 5

- 9) 97 ÷ 9
 - 7) 97 (10
 - 9
 - 0
- Dividend = 97
- Divisior = 9
- Quotient = 10
- Remainder = 7

Sub Topic: Finding odd or even.

Identify whether the following numbers are even or odd. One is done for you.

- 208 b)
 - 2) 208 (104

 - (-) 08

- 364 c)
 - 2) 364 (182
 - 16
 - -) 16
- There fore 364 is an

- d)
 - 2) 441 (220

 - (-) 0

There fore 208 is an even number.

- even number.
- There fore 441 is an odd number.

- 513 e)
 - 2) 513 (256

- 637
 - 2) 637 (318
 - 17
 - 16

There fore 513 is an odd number.

There fore 637 is an odd number.

WORK SHEET - 15

Sub Topic: Odd and even numbers

- 1. 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98.
- 2. 101, 103, 105, 107, 109, 111, 113, 115, 117, 119, 121, 123, 125, 127, 129, 131, 133, 135, 137, 139, 141, 143, 145, 147, 149.
- 3. Even numbers: 604, 500, 610, 876, 374, 600, 700, 810, 674, 766, 100, 210, 160, 180

Odd numbers: 305, 209, 711, 389, 465, 897, 385, 985, 201, 305, 899, 199, 185, 171.

- 4. a) 80
- b) 62 c) 64
 - d) 96

- 5. a) 67
- b) 91
- c) 73
- d) 85

Sub Topic: Odd and even numbers

- 96 balloon are equally distributed.
 6 children shared the balloons.
 Division should be used to find numbers of balloons each will get.
 Each will get 16 balloons.
- 2. Number of persons can stay in each room = 4
- 3. Total Number of gulab jamuns = 54

 Total Number of girls shared = 9

 Number of gulab jamuns each one
 get = $54 \div 9 = 6$
- 4. Total Number of kits = 81

 Total Number of children shared = 9

 Number of kites each child gets
 = 81 + 9 = 9

WORK SHEET - 17

Sub Topic: Odd and even numbers

- Cost of guavas = ₹ 30
 Number of guavas = 5
 Cost of 1 guava = 30 + 5 = ₹ 6
- 2. Cost of 9 mangoes = 4

 Number of mangoes = 9

 Cost of 1 mango = 45 ÷ 9 = ₹ 5
- 3. Number of boys can sit on one bench = 4

 Number of students = 36

 required benches = 36 ÷ 4 = 9
- 4. Cost of 8 chocolates = ₹ 64

 Number of chocolate = 8

 Cost of 1 chocolate = 64 ÷ 8 = ₹ 8
- 5. Total Number of toffees = 56

 Total Number of boys = 7

 Number of toffees each

 one get = 56 + 7 = ₹8

WORK SHEET - 18

Sub Topic: Division word problems.

- 1. Total number of wheels = 99

 Total number of wheels to each
 cycle = 3

 Number tricycles can be made using
 99 wheels = 99 ÷ 3 = 33
- 2. Total length of ribbon = 45 m. Number of pieces = $9 \text{ Length of each piece} = <math>45 \div 9 = 5 \text{ m}$.
- 3. Total value = 96Number of 8's in $96 = 96 \div 8 = 12$
- 4. Total No. of chocolates = 35

 Number of chocolate each child will get = 3

 Number of children will get equally = 35 ÷ 3 = 11
 - Number of left chocolates = 2.

WORK SHEET - 19

Sub Topic: Division word problems.

- 1. Cost of 8 toys = ₹ 960 No. of toys = 3 Cost of 1 toys = 960 ÷ 8 = ₹ 120
- 2. Cost of 1 pen = ₹ 8Total amount = ₹ 728Number of pens $= 728 \div 8 = ₹ 91$
- 3. One number be = 4
 Second number be = xProduct of two numbers = 168 $X = 168 \div 4 = 42$
- 4. Total No. of children = 225

 Total number of groups = 5

 Number of children in each group

 = 225 ÷ 5 = 45

Sub Topic : Division word problems.

Total number of days = 365
 Total number of days in a week

= 7

Number of days left = $365 \div 7 = 1$

- 2. Total number of flowers = 340

 Total number of flower in ech
 bouquet = 8

 Left flowers = 340 ÷ 8 = 4 flower
- 3. Total number of saplings = 170

 No. of saplinfgs in ech raw = 7

 Total number of rows

 $= 170 \div 7 = 24 \text{ rows}$

4. Total amount = ₹ 250
 Cost of each pen = ₹ 9
 Number of pens he can buy

 $= 250 \div 9 = 27$

Left amount

Self Assessment

WORK SHEET - 21

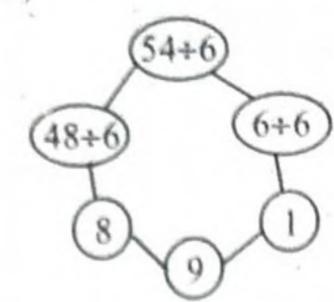
- 1. d 2. a 3. a 4. d
- 5. Fill in the blanks
 - a) 1 b) even c) 0 d) 0 e) ÷

6) No. it is not correct.

Correct division: 7) 17 (2

7) a) $36 \div 3 = 12$ 3 $36 \div 12 = 3$

b)



- 8) Total number of chikkis = 240

 Total number of chikkis in each box
 = 8

 Number of chikkies in each box
 = 240 + 8 = 30
- 9) a) 24
- b) 5
- c) 10

- d) 50
- e) 30
- f) 15

g) 8



DATA HANDLING

WORK SHEET - 1

- 1. Observe the chariot. Count and write the number of shapes in the chariot.
 - a. 4
- b. 1
- c. 5
- d. 6

2. Place different numer of flowers randomly in this box.

Number of roses =

6

Number of hybiscus =

10

Number of lotus =

5

Number of lily =====

100 pt = 1 = 19 min

107

husems istof.

WORK SHEET - 2

1. Circle (() the number of pictures from the total pictures.

Number	Item		
2			
4	000000000000000000000000000000000000000		
.5		9	
3			

2. Colour the balloons according to the given number.

Colour	Number	Item	
Green	4		
Red	2		
Blue	5		

3rd Class-Maths_EM_ (A.P)

86

1. Fill in the table with appropriate tally marks, and number.

SI.No	Tally Marks	Number
1	LIN	5
2		4
3		2
4		3
	-	

2. The picture shows the flowers from Suma's garden. Write correct tally marks and numbers.

Sl.No	Tally Marks	Number
1		4
2		1
3	WI.	5
4		3

WORK SHEET - 4

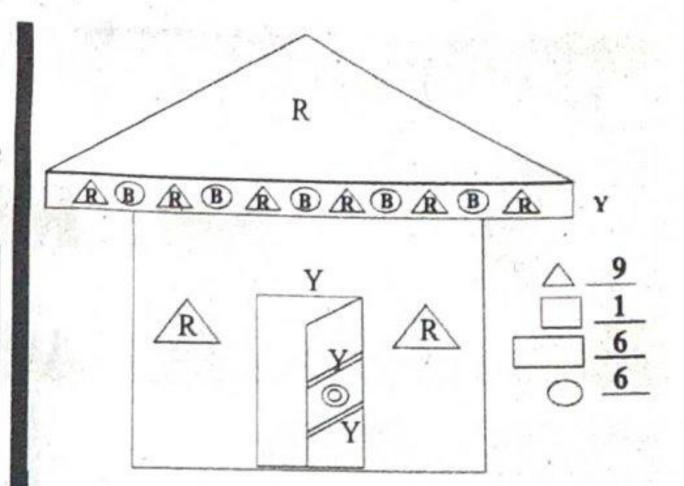
2. Record tally marks and numbers as per the data given in the above table.

Talley mark	Number
.	4
LKI.	5
	2
	4

WORK SHEET:

Sub Topic : Self Assessment

1. Identify the shapes in it and colour them accordingly.



2. Colour the water bottle according to the number.

Number	Water bottle	
5		
4		
1		
3		

WORK SHEET:

3. Points scored by players in Kabaddi game are recorded in the given table. Write the appropriate number in the box.

Sl.No.	Number	
1.	3	
2.	2	
3.	3	
4.	4	

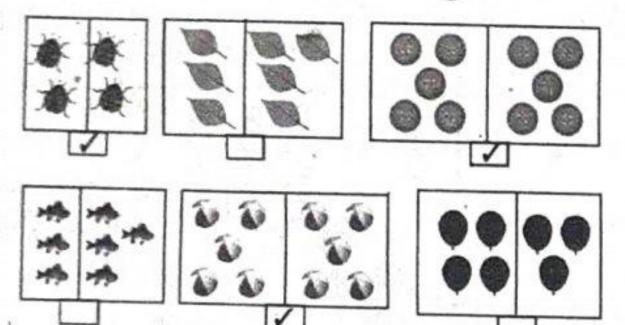
a) Who scored the highest points?

Kishore

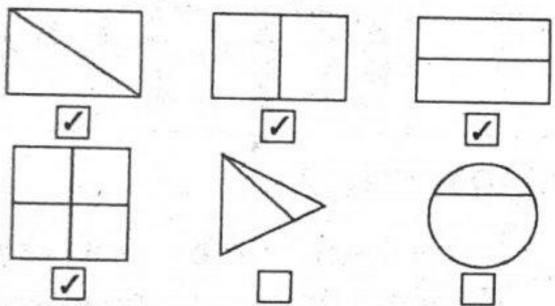
- b) Who scored the least number of points? Vijay
 - 4. Student Activity.



Put a (/) mark if two boxes have equal number of things.

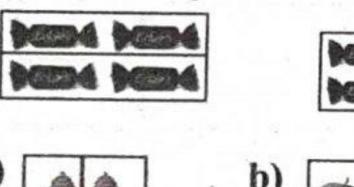


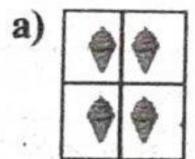
Put a (/) mark in the boxes for equally parted pictures.

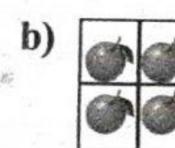


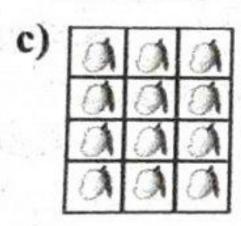
WORK SHEET - 2

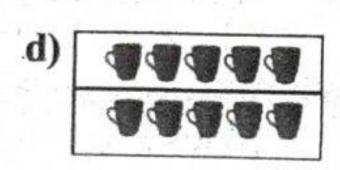
Mark into two equal halves. One is done for you.



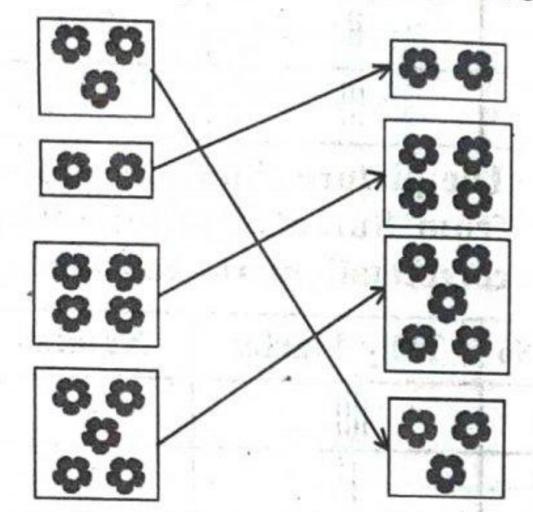






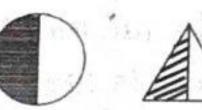


Match equal number of flowers.



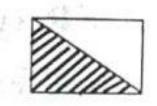
WORK SHEET - 3

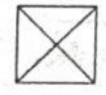
Shade half of the figure. One is done for you.

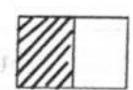








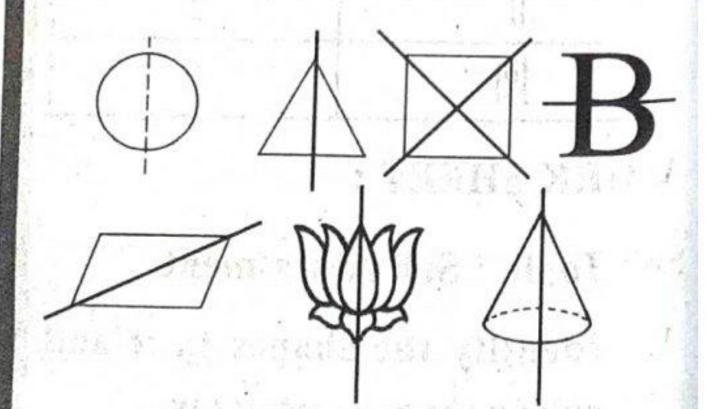






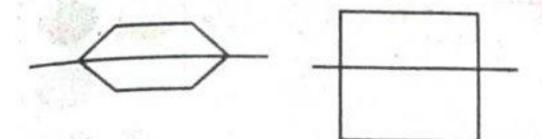


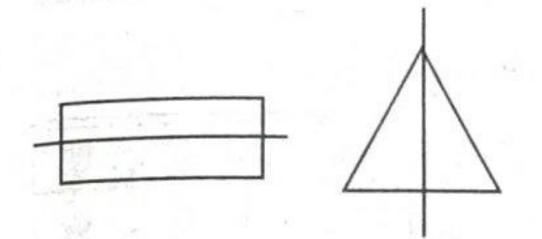
Mark into two equal halves. One 2. is done for you.



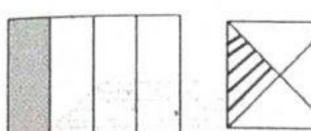
3rd Class-Maths_EM_ (A.P)

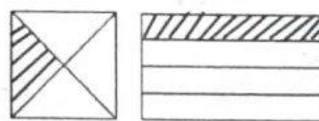
Make it into four equal parts. One is done for you.

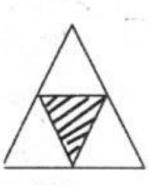


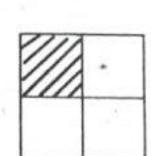


Shade in quarter of each of the shapes. One is done for you.





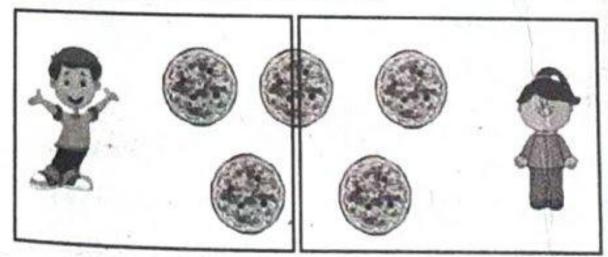




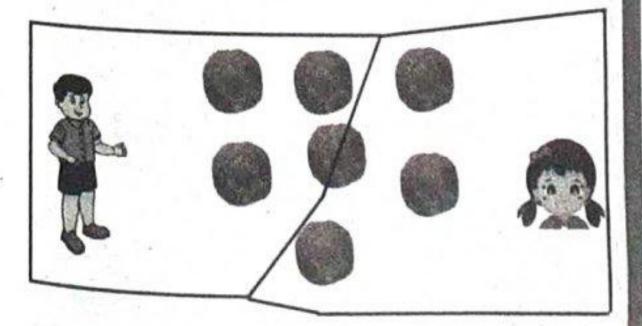


WORK SHEET - 5

Share these 5 pizzas equally to Mohan and Geetha.

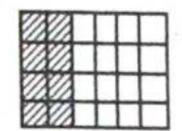


2. Share these 7 laddus equally to Giri and Siri.



WORK SHEET - 6

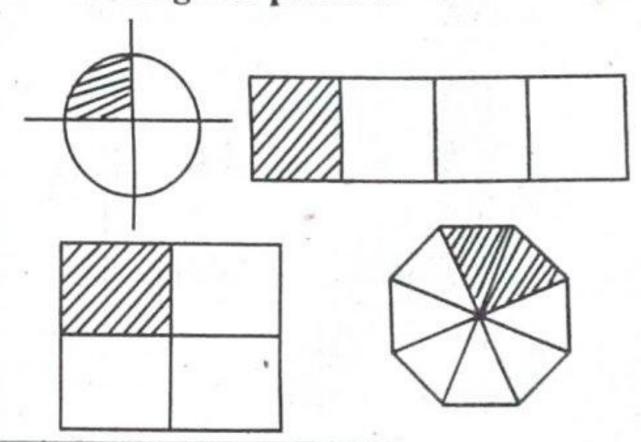
Colour the quarter part of the each given picture.





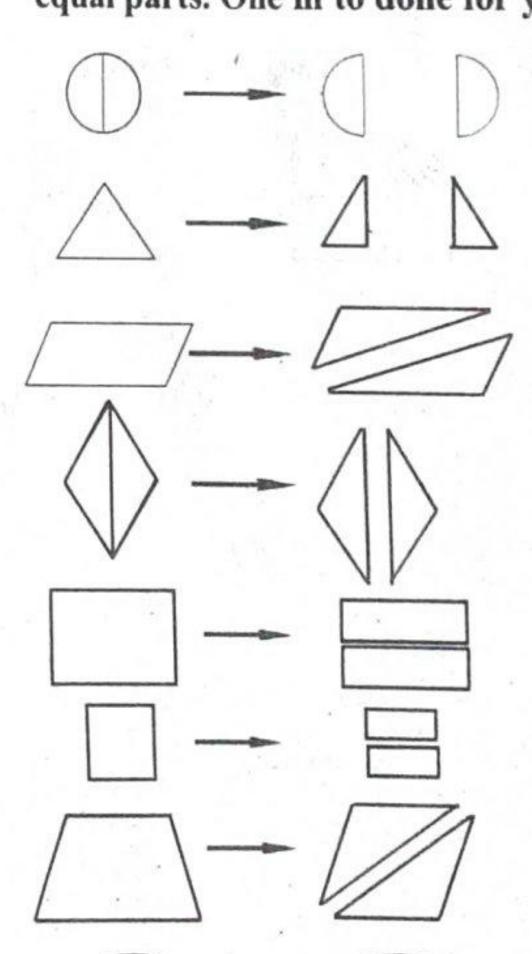


Colour the quarter part of the each given picture.



WORK SHEET - 7

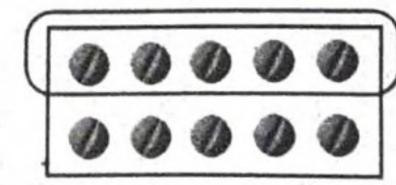
Divide each picture intwo two equal parts. One in to done for you.

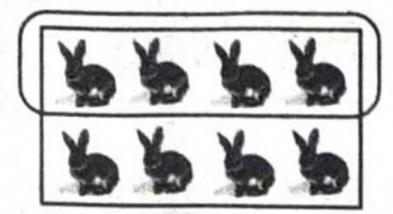


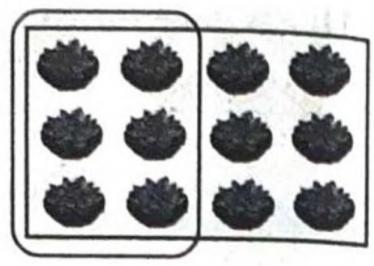
3rd Class-Maths_EM_ (A.P)

WORK SHEET:

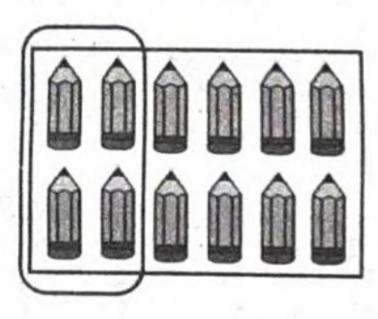
1. Circle things to half of their number.

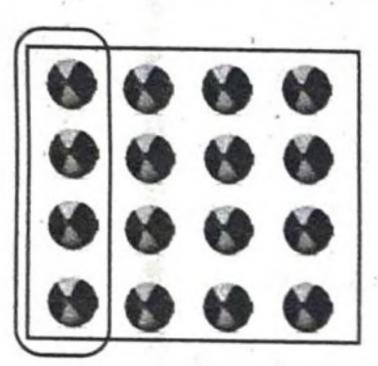


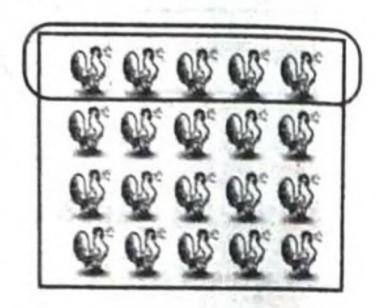




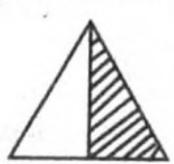
2. Circle the things to quarter part of their number.

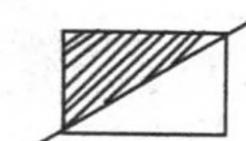


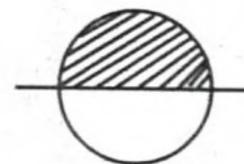


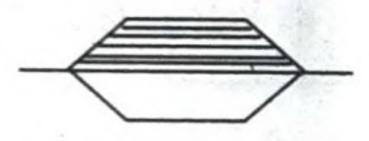


3. Colour the half.

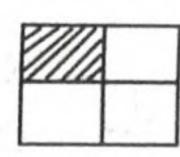


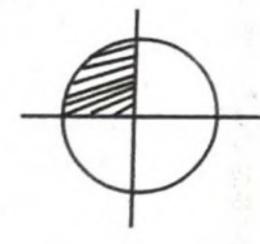


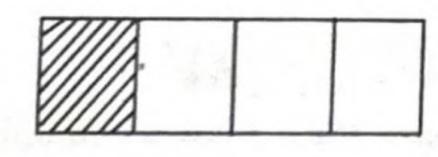




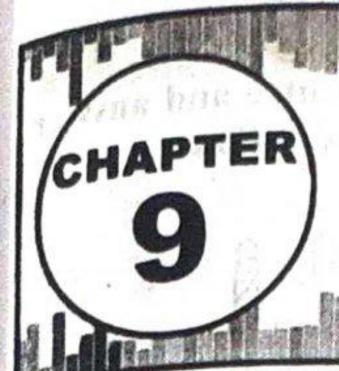
4. Colour the quarter part.







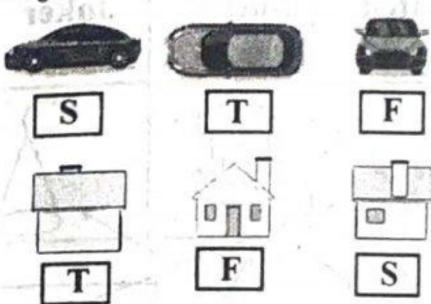




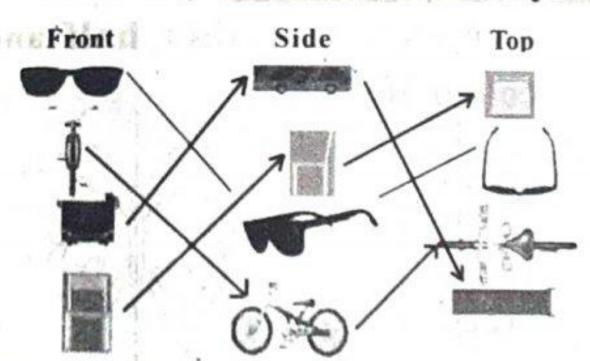
SHAPES AROUND

WORK SHEET - 1

1. Lable the figures with T for top, S for side, F for front views of the objects.



2. Match the following views of the same object. One is done for you.



WORK SHEET - 2

- 1. Draw the following picture in the space provided.
 - a) Top view of your bed.



b) Top view of Pencil box.



c) Side view of a table in your classroom.

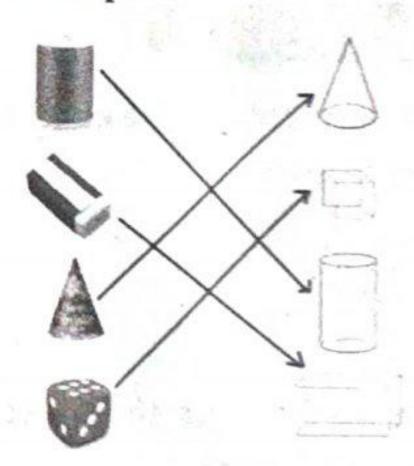


d) Side view of a book.

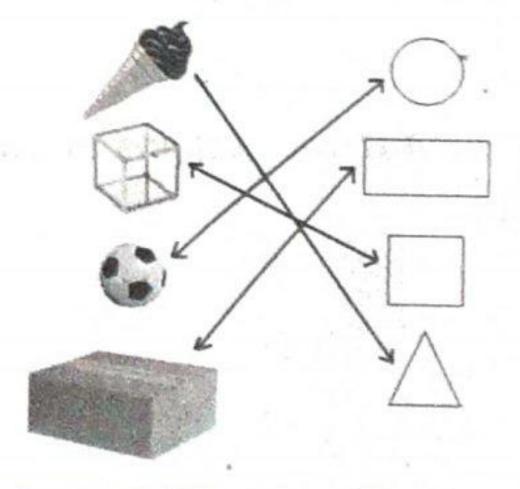


WORK SHEET - 3

Match the object with their 3D-shapes.



2. Match 3D shapes to 2D shapes



3rd Class-Maths_EM_(A.P)

91

1. Classify the objects given below.

Slide	Rolls
Box, Gift box,	Orange, Cup,
Lock, Book	Ball, Tomato,
	Lemon

 Write any three objects from the above given pictures that have curved edge.

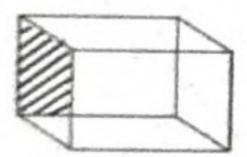
Cup, Orange, Tomato, Ball, Lemon

3. Mention any three objects from the above given pictures that have flat edge.

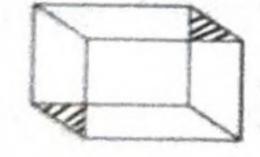
Box, Lock, Gift, Box, Book

WORK SHEET - 5

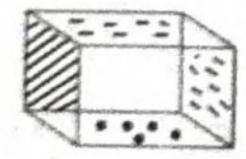
 Show and colour the edges of the given figure.



Show and colour the corners of the given figure.



Give different colours to each face.



WORK SHEET - 6

 Look at the picutre and answer the following questions.



a) 15

b) 17

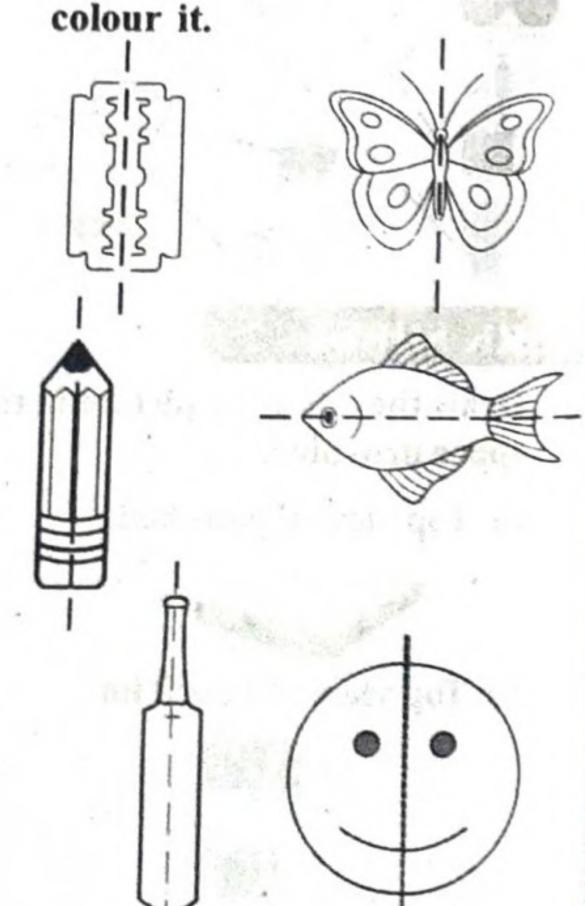
c) 9

 Stamp the following objects and match them to the related shapes.

Match box	Bottle lid	Joker Cap
	VE CENTER OF THE PROPERTY OF T	2
0		7

WORK SHEET - 7

1. Complete the other half and

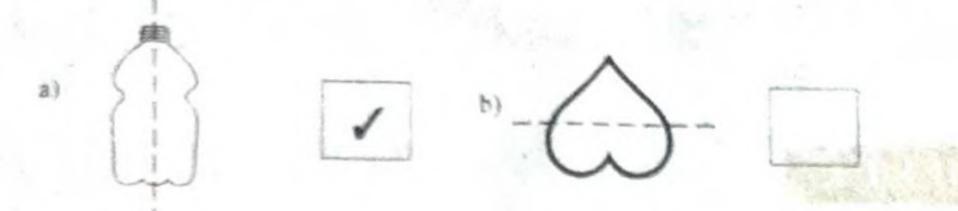


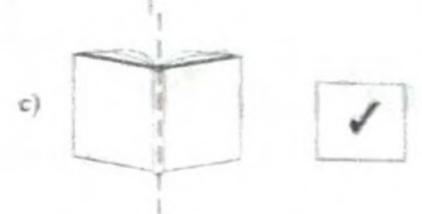
3rd Class-Maths_EM_ (A.P)

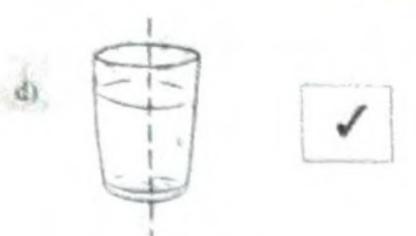
92

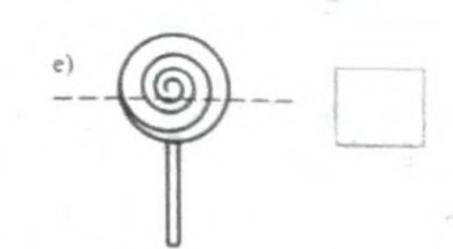
WORK SHEET - 8:

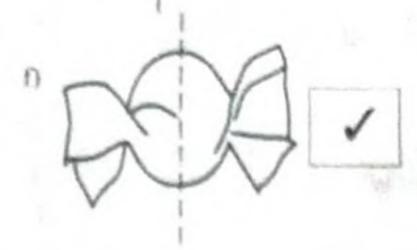
1. Put a (/) mark, if dotted line divides the picture into two equal parts.











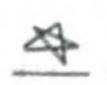


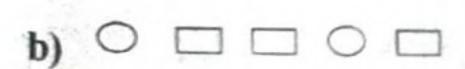


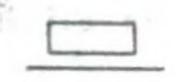
WORK SHEET - 9;

1. Continue the pattern by filling the blanks.









17 27K 10 10 10 10 10 10 10 10 10

2. Extend the following pattern.

WORK SHEET:

Put a (/) mark, in appropriate box for front view.









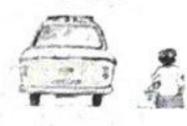
















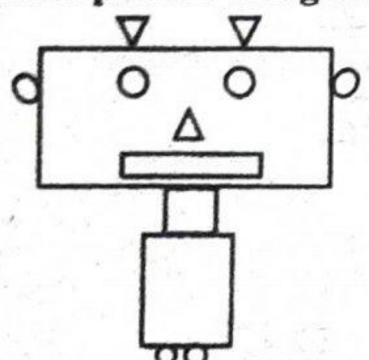






WORK SHEET:

- Mention any 3 objects in your surroundings that have flat edges.
 - a) box
- b) cot
- c) table
- d) black board e) door f) T.V.
- Draw a picture using the shapes. 3.



Write the names of the items in the appropriate boxes by observing the picture.

at edges	on surface
ants	dice
Lizard	Match box
	flute
	ants

WORK SHEET:

Extend the following patterns. 6.





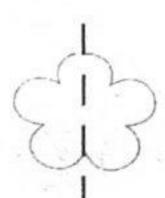








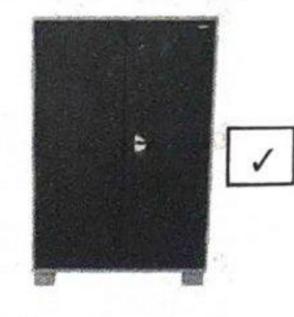
7. Draw the other half.





Put (/) mark to dotted line 8. divide the picture into two equal halves.





Complete the picture as its 9. mirror image.









3rd Class-Maths_EM_ (A.P)

CHAPTER MEASUREMENTS

WORK SHEET - 1

1. cm

Metre

2. cm

3. Metre

4. 5 cm

3.5 Metre

9.5 Metre

5. Measure the lengths of the following objects and record them in a table.

object Length in centime		
week and	12.5 cm.	
06.73	13 cm.	
307711	4 cm.	
1	4.2 cm.	
311	2 cm	
- A June -	1 cm	

6. Identify the items whose lengths are more than a metre and less than a metre, put with a (/) mark in the appropriate column against the item.

	More than one meter	Less than one meter
1.	1	
2.		1
3.	/	
4.	1	
5.	- /	
6.	1	

WORK SHEET - 2

2. Measure the lengths of the above pictures. Record them in the table.

Pencil colour	Length in cm.		
Red	7 cm		
Blue	1.7 cm		
Green	6.2 cm		
Brown	2.5 cm		
Violet	5 cm		
Orange	4.5 cm		

a) Red

b) blue

c) No

d) 4.2 cm

e) blue

f) Red

WORK SHEET - 3

1. Chinni planted a tomato plant.

Record the readings in the table

Time	Height of the plant (in cms)
After 1 week	5 cm
After 2 weeks	15 cm
After 2 months	35 cm
After 3 months	45 cm

2. Measure the sides of a carrom board picture and write them.

Length of side A to B = 5 cm

Length of side B to C = 5 cm

Length of side C to D = 5 cm

Length of side D to A = 5 cm

- 1. Measure the length of the different threads given in the Geo-board picture.
 - a. Length of the red thread is 1 cm
 - b. Length of the yellow thread is 6 cm
 - c. Length of the green thread is 2 cm
 - d. Length of the black thread is 4 cm
 - e. Length of the blue thread is 5 cm
 - f Length of the brown thread is 3 cm
 - g. Which thread is more in length?

 <u>b</u>
 - h. Which thread is less in length?

<u>a</u>

2.



- a) 100 (7 + 5) = 100 12= 88 m.
- b) 21-7=14 m far from Harika
- c) 88 m
- d) 83 m

WORK SHEET - 5

- 1. The units we use to weight the objects are kilogram and grams
- 2. Kilogram is denoted as kg
- 3. Gram can be written as sign
- 4. Observe the weighing stones in a nearby grocery shop and write the denominations in the given boxes.



- 5. a) Who is weighing more? Salman
 - b) Who is weighing less? Vinod
 - c) Ravi's weight is 1 kg lesser than the weight of Mary.
 - d) Ajay's weight is 2 kg more than the weight of Ravi.
 - e) Write the all names of the pupils in ascending and descending order according to their weights.

Ascending order:

- 1. Vinod 2. Ravi
- 4. Mary 4. Salman

Descending order:

1. Salman 2. Ajay 3. Mary

3. Ajay

4. Ravi 5. Vinod

WORK SHEET - 6

1. Read the items given below.

S.No	Items measured in gram	Items measured in kilogram
1.	Biscuit	helmet
2.	Soap	pillow
3.	Comb	cricket bat

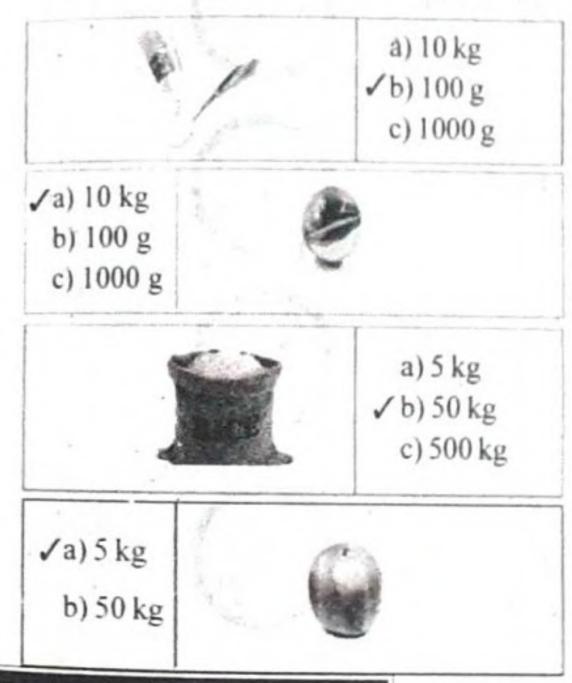
2. Chinnis' mother brought some grocery from shop. Tick (√) the appropriate unit of weight.

appropriate and					
S. Item		Weight	Kilogram	Gram	
1	Rice	10	1		
2	Sugar	2	/		
3	Dal	500		/	
4	Pepper	200		1	
5	Tea powder	100	Jane .	/	
6	Elachi	50		1	

WORK SHEET - 7:

Items to buy	Weighting stones needed
1 kg of jaggery	1
2 kg of sugar	1
5 kg of wheat flour	1
8 kg of rice	2+2+2+2 kgs,
	1 kg + 2kg + 5 kg
7 kg of toor dal	(1kg+1+1+1+1+1)kg,
	5 kg + 2 kg
3 kg of tamarind	1 kg + 1 kg + 1 kg,
a density of	1 kg + 2 kg

Estimate and tick (✓) approximate weight of the object.



WORK SHEET - 8:

- l. (c)
- 2. Units to measure capacity are <u>litres</u> and <u>millilitres</u>.

Out daily need	Water required in litres (Approximately)		
For washing cloths	25 lires		
For cooking	3 litres		
For drinking	5 litres		
To bath	15 litres		
To water the plants	20 litres		

Needed in litres	Needed in millitres
/	
/	
	1
	/
✓	
	1

WORK SHEET - 9

1. Capacity of the Pot B

 $= 2 \times \text{Capacity of pot A}$

 $= 2 \times 12 = 24$ litres

2. Tick (✓) appropriate units for capacities of the following vessels.

Object	Capacity	Litres	Millitres
	75	/	
8	18	1	
1023	20	1	
	300		1
229	60	Cart Carte	1
U	150		1

WORK SHEET - 10

- 1. a) 7 days are there in a week.
 - b) 365 days are there in a year.
- 2. Match the following.
 - a) (2)
 - b) (3)
 - c) (1)
 - d) (5)
 - e) (4)

 Separate the given tasks, according to the time taken to complete and fil the following table.

Take some minutes	Take some hours	Take some months	Take some years	
a, i	C	h		
d	е	i	i	
f	g			

WORK SHIFT - 11

- 1. Observe the month in a calendar and answer the following questions.
 - a) Saturday
 - b) 3, 10, 17, 24, 31 falls on Monday
 - c) Sunday and Monday
 - d) Thursday is the 1" day of next Month. e) 1"
- Observe the calendar of this year and answer the following questions.
 - a) 12
- b) 7
- c) 4
- d) February
- e) March Holi
 - April Ugadi, Sriramanavami
 - May Ramzan
 - August Independenceday
 - September Vinayaka Chaturdi
 - October- Dasara
 - November Deepavali
 - December Christmans

WORK SHIFT I - 12

- 1. Write the dates in words.
 - a. April 16th, 2019
 - b. May 5th, 2020
 - c. August 15th, 2020
 - d. December 12th, 2019

- 2. Write the dates in numbers.
 - a. 11/05/2018
 - b. 09/07/2019
 - c. 26/01/2020
- 3. What date will be
 - a. December, 3rd
 - b. May 31st
 - c. January 2nd
 - d. August, 7th

WORK SHEET - 13

- Draw the hands of the clocks given below.
 - a) 4:20



b) 6:15



c) 10:30



d) 2:20



2. What is time when both hands meet on the digit 12.



12:00 Noon

 Samatha started playing at She played for 40 minutes.
 Them the time will be







- 2. The duration of the movie is 3 hrs.
- Draw the hands of the clock for the given times.
 - a) 5:45



b) 6:20



c) 9:00



d) 12:10



e) 1:00



f) 3:45



WORK SHEET

- 1. A
- c
- B)
- d]
- C)'
- a)
- D)
- a]
- E)
- d

- 2. Fill in the blanks.
 - A) 8:30
 - B) Thursday
 - C) 1.5 litres
- 3. A) Saturday
 - B) One rotation
 - C) 7:20 (7 hours 20 minutes)

WORK SHEET

- 5. a) 60 mins + 30 mins
 - b) 2 kg + 500 grams
 - c) 1000 ml + 250 ml
 - d) 3m + 33 cm
- a) 12/12/2020
 - b) Friday
 - c) 5 Tuesdays
 - d) 6 holidays
 - e)

January-2021						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			-		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						