Unit – 3

SUBTRACTION

Let us have fun with subtraction.

1. Collection of stamps of Rohan, Mohit, Renu and Neha are given below:



Now answer these questions.

- (a) Who has the maximum number of stamps?
- (b) Who has the minimum number of stamps?
- (c) How many more stamps does Neha have than Mohit?
- (d) How much more is the collection of Rohan than Renu?
- 2. A train was carrying 838 people. At one station 497 people got down from the train. How many people are left in the train?

Number of people in the train	=	_
Number of people got down	=	_
Number of people left in the train	=	

3. List of pocket money and money spent by three children are given below. Find out how much money is left with each of them?

Name	Pocket Money	Money Spent	Money Left
Akshay	₹ 275	₹ 192	
Vineet	₹ 368	₹ 259	
Sonal	₹ 700	₹ 564	

SUBTRACTION (4-DIGIT NUMBERS)



Worksheet 1

Subtract the following:

1.	TH	Н	Т	0		2.		TH	н	Т	0	
	6	5	8	9				5	7	5	3	
	- 1	3	5	2			-	2	1	1	2	
_					_							-
4.	TH	н	т	0		5.		тн	Н	т	0	
	8	7	5	3				5	5	9	0	
	- 2	6	3	2			_	4	4	6	0	
_					_							-
7.	ТН	Н	т	0		8.		тн	н	т	0	
	8	8	6	8				4	8	6	7	
	- 2	4	4	6			_	4	3	4	1	
-					-							•





3.		TH	Н	Т	0	
		8	8	9	9	
	-	5	6	4	5	
						_
6.		ΤН	Н	Т	0	
		8	4	3	2	
	_	6	3	2	1	
9.		ΤH	Н	Т	0	
		5	3	7	7	
	_	2	2	6	3	

SUBTRACTION (WITH REGROUPING)



Worksheet 2

Subtract (Borrow wherever necessary).

1.		ТН	Н	Т	0		2.		ТН	Н	Т	0		3.		TH	Н	Т	0
		4	1	2	8				7	3	7	9				5	3	7	0
	_	• 1	9	4	7			—	2	4	8	6			_	- 2	6	1	5
						_							_						
4		тн	н	т	0		5		тн	н	т	0		6		тн	н	т	0
							0.		····					0.					
		9	7	0	1				9	5	4	3				5	1	2	8
	_	· 1	8	4	2			_	Ŭ	7	1	6			_	· 1	8	1	4
-						_							_	_					
_						_							_	_					
7		тц		т	0		o		тц	ц	т	0		0		тц	Ц	т	0
1.		111		-			0.				-			9.				<u> </u>	
		3	Λ	6	2				ß	7	2					5	6	5	6
	_	. 2	4	7	2			_	3	2	2	5			_	. 2	5	6	5
-		-	-		Ŭ	_			Ŭ	-		Ŭ	_	_		_	0	Ŭ	•
_						_							_	_					
4.0		-		-	•						-	•		4.0				-	0
10.		IH	н		0		11.			н		0		12.		IH	H		0
		6	5	8	4				2	5	3	2				3	2	1	0
	_	3	6	5	4			_	1	1	8	1			_	- 2	1	2	2
-						-							_	-					

SUBTRACTION (MORE ABOUT REGROUPING)

Lo	ok	at th		ven	two 600 I have z ones, ter undreds	num	a	s. 7 nd	I do an	2456 not ha y zero.	Ve Ve) (H	ow suk		l you ct?	
	1 anc 10	Step Borro thous chan chan	o 1: ow sand age int dreds.	to -	TH 5 6 - 2	H 10 0 4	T 0 5	0 0 6		1 and	Step 2 Borrow hundre chang 10 ten	e into s.		TH 4 & 2	H 910 0 4	r ·	T 10 0 5	0 0 6	
	and	Step : Borrow 1 ten chang 10 one	3: W le into ss.	, - 	TH 4 & & - 2	H 910 0 4	T 910 0 5	0 10 0 6			Step Now subtro	4: v act		TH 5 & 2 3	H 910 0 4 5	r 9	T 10 0 5 4	0 10 0 6 4	
S.	V	vori ract	ksn	eet	3														
3 1.	 	TH 3	H 0 9	T 0 8	0 0 1	_	2.	TH 2 1	H 0 8	T 0 1	0 0 2		3.	T ;	їН 8 3	H 0 6	T 0 3	0 0 6	
						-	-		30				_						-

SUBTRACTION (CHECK YOUR ANSWERS)



Worksheet 4

Arrange the numbers in columns in each question and subtract. Also check your answer.

1.	6253 – 2678	2.	7577 – 1999	3.	7361 – 3915
4.	6000 - 3485	5.	4003 - 1846	6.	8900 - 4765

PROPERTIES OF SUBTRACTION

Subtract

The difference of a	Similarly,	78
number and zero is	198 - 0 = 198	- 0
the number itself.	3958 - 0 = 3958	78

Worksheet 5

Fill in the placeholders. First one is done for you.





Example 1:

In a school, there are 3250 students. If 1893 are boys, how many girls are there?

Solution:

We have to subtract the number of boys from the total number of students to get the total number of girls.

Total number of students	=	3250
Number of boys	=	- 1893
Number of girls	=	1357

There are 1357 girls.

Example 2:

A shopkeeper had 1545 eggs in his shop. He sold 946 eggs. How many eggs are remaining to be sold?

Solution:

Number of eggs in the shop	=	1545
Number of eggs sold	=	- 946
Number of eggs left	=	599

The number of eggs to be sold is 599.

Worksheet 6

- 1. Rahul had 2359 stamps. Out of these, 1985 are Indian stamps and the rest are foreign stamps. How many foreign stamps did he have?
- 2. A poultry farm had 4721 hens. If 2917 hens were sold out, how many hens were left in the poultry farm?
- Mrs Renu wanted to buy a mobile for ₹ 8755 but she had only ₹2990 with her. How much more money does she need?
- 4. In a hall, there are 2855 seats. On a particular day, 2096 people attended a meeting. How many seats were vacant in the hall?

Value Based Question

Trees play a very important role in our life. They beautify our surroundings. They make air fresh and cool. On the Vanmahotsav Day, each child of Class-II and Class-III was asked to bring a sapling in a pot. Class-II and Class-III brought 398 saplings and 550 saplings respectively.



- 1. Which class brought more saplings and how much more?
- 2. How do you care for the plants and trees in your neighbourhood area?
- 3. How do you celebrate the Vanmahotsav Day in your school?

Brain Teasers (Addition and Subtraction)

1. Tick (✔) the correct answers.

	(a)	99 —	= 0		
		(i) 0	(ii) 1	(iii) 99	(iv) 100
	(b)	35, 135, 235,			
		(i) 225	(ii) 335	(iii) 345	(iv) 3235
	(C)	10 –	= 20 - 13		
		(i) 1	(ii) 3	(iii) 7	(iv) 12
	(d)	When we add 10	0 to 836, the digit at	place	increases by 1.
		(i) ones	(ii) tens	(iii) hundreds	(iv) thousands
	(e)	The sum of 250,	300 and 600 is-		
		(i) 550	(ii) 850	(iii) 900	(iv) 1150
2.	Arr	ange in columns	and add.		
	(a)	3856, 385, 38			
	(b)	9, 409, 7651			
	(C)	888, 8, 88, 8888			
	(d)	214, 7514, 2015			
3.	Fin	d the difference	between:		
	(a)	3684 and 2985			
	(b)	6438 and 7621			
	(C)	9000 and 5386			
	(d)	8716 and 440			

4. Subtract and check your answer.

- (a) 7381 3595 (b) 8439 5354
- 5. Solve the puzzle.



6. Write the number which is 376 more than the greatest 3-digit number.

Unit – 4

MULTIPLICATION

Let us have some fun with multiplication.

Each flower has 5 petals. 🔌 🐥 🛠 1. There are petals 🔆 😽 🔆 🛠 in 9 such flowers. Each bundle has 20 books. 2. There are books in 3 such bundles. I have pasted 40 stamps in one scrap file. I have pasted stamps in 4 such scrap files. 3. One bus can carry 62 people. 3 such buses can carry people. 4. Cost of one bat is ₹ 70. 5. 9 such bats will cost ₹

MULTIPLICATION (3-DIGITS BY 1-DIGIT)





Worksheet 1

Multiply.

1.	H T O	2. H T O	3. H T O
	1 2 2	2 3 2	2 1 1
	× 3	× 3	× 4
4.	H T O	5. H T O	6. H T O
	3 4 3	2 1 3	3 3 3
	× 2	× 3	× 2
7.	H T O	8. H T O	9. H T O
	4 3 3	2 2 2	5 2 1
	× 2	× 3	× 2



Worksheet 2

Find the product.

1.	TH H	Т	0	2.	TH	Η	Т	0		3.	TH	Н	Т	0
	1	6	3			3	8	3				1	9	9
		×	3				×	2					×	4
										_				
4.	тн н	Т	0	5.	тн	Н	т	0		6.	тн	Н	Т	0
	1	1	8			1	6	9				2	6	8
		×	6				×	5					×	4
				-					-	_				
7.	тн н	т	0	8.	ΤН	н	т	0		9.	ΤН	н	Т	0
	1	9	2			1	8	9				3	5	5
		×	8				×	9					×	3
				-					-	-				
10.	тнн	Т	0	11.	ТН	Н	Т	0	-	- 12.	тн	Н	Т	0
	1	6	7		L	2	5	4			L	2	9	9
	·	×	7			2	×	י ג				2	×	3
		~ `	1				•••	0	_	_			••	0
				-					-	_				
					3	9								

PROPERTIES OF MULTIPLICATION



Fill in the placeholders. First one is done for you.



3.

4.

5.

6.

7.

8.

9.

10.

324

111

999

×

×

×

415 0 × = 322 0 × = 0 511 × = 781 1 × =

693

MULTIPLICATION BY 10, 100 AND 1000

×





444

444

724

999

×

×

×

=

=

=

=

Worksheet 4

Fill in the following blanks. First one is done for you.

					•
1.	8	×	10	=	80
2	73	~	10	_	
۷.	75	~	10	-	
3.	568	×	10	=	
4.	9	×	100	=	
5.	64	×	100	=	
6.	29	×	100	=	
7.	328	×	10	=	
8.	14	×	1000	=	
9.	681	×	10	=	
10.	11	×	1000	=	

MULTIPLICATION BY THE MULTIPLES OF 10 AND 100







We are the multiples of 100 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000

1. Let us multiply 5 by 30.

 5×30 = $5 \times 3 \times 10$ = 15×10 = 150

30 can be written as 3 × 10

Now observe the patterns below:

13 × 90	=	13 × 9 × 10	=	117 × 10 = 1170
23 × 50	=	23 × 5 × 10	=	115 × 10 = 1150

2. Now multiply 8 by 400.

$$8 \times 400$$

= $8 \times 4 \times 100$ 400 can be written as 4×100
= 32×100
= 3200

Let us look at the patterns given below:

4 × 300	=	<u>4 × 3</u> × 100	=	12 × 100 = 1200
9 × 700	=	<u>9 × 7</u> × 100	=	63 × 100 = 6300

We observe that to multiply a number by 10, 20, 30....90, we multiply the number by 1, 2, 3....9 respectively and put one zero on the right side of the product.

Similarly, we observe that to multiply a number by 100, 200,....900, we multiply the number by 1, 2, 3,....9 respectively and put two zeros on the right side of the product.

Worksheet 5

Fill in the following blanks.

1.	5	×	40	=
2.	7	×	90	=
3.	8	×	30	=
4.	6	×	200	=
5.	9	×	300	=
6.	10	×	500	=
7.	13	×	100	=
8.	56	×	100	=



MULTIPLICATION (2-DIGIT NUMBERS BY 2-DIGIT NUMBERS)

Mul	tiply 28 by 32	•				E	
e e	Cherry Cherry	Check the	steps!	We can using three	multiply ee steps.	di ul	
		First, mu	ltiply 28 by 2 on 28 × 2 = 56	Hes	T O 2 8 × 3 2	And A	
		H T O 2 8 × 3 2 5 6 + 8 4 0		Next, multiply 28 × 30	28 by 3 tens = 840	and	Mu polo
2		Lastly,	add the two pr 56 + 840 = 896	oducts	H T (2 - × 3 2 5 + 8 4 (8 9	0 8 2 6 0 6	The product of 28 and 32.
	Worksheet	: 6					
Find	d the product						
1.	24 × 17	2.	86 × 13	3.	29 × 40	4.	19 × 43
5.	35 × 36	6.	28 × 28	7.	61 × 31	8.	60 × 35
9.	50 × 99	10.	21 × 41	11. 44	84 × 23	12.	62 × 51

MULTIPLICATION (3-DIGIT NUMBERS BY 2-DIGIT NUMBERS)



Word Problems

Example 1:

In an orchard, apple trees are planted in rows. There are 35 trees in one row and there are 42 such rows. How many apple trees are there in the orchard?

Solution:

Here, we multiply the number of trees in each row by the number of rows.

Number of apple tr	row	=	35					
Number of rows					=	42		
Total number of ap	=	35	× 42	2				
	ΤH	Н	Т	0				
			3	5				
		×	4	2				
			7	0				

+ 1

1

The orchard has 1470 apple trees.

Example 2:

If a box contains 25 toffees, how many toffees are in 28 such boxes?

4 0 0

4 7 0

Solution:

Number of toffees in one box = 25 Number of boxes = 28 Number of toffees in 28 boxes = 25 × 28 H T O 2 5 × 2 8 2 0 0

+ 5 0 0 7 0 0

28 boxes contain 700 toffees.

Worksheet 8

- 1. In a book, there are 117 pages. How many pages are there in 21 such books?
- 2. Find the cost of 19 chairs, if each chair costs ₹ 290.
- 3. A necklace contains 108 beads. How many beads will 32 such necklaces contain?
- 4. There are 32 balloons in one packet. How many balloons are there in 24 such packets?
- 5. In a hall, there are 35 rows of chairs. Each row has 15 chairs. How many chairs are there in the hall?

Value Based Question

Radha and her family lives near an orphanage. Every year, on festivals and birthdays, they all visit this orphanage to distribute sweets. Radha has made many friends there. This year she has invited all 36 children of the orphanage for her birthday party. Radha decided to give them return gifts. For this she bought pencil boxes costing ₹ 65 each. She celebrated her birthday happily.



- 1. How much money did Radha spend to buy return gifts for the children?
- 2. Suggest any two ways in which you can help the children of an orphanage.
- 3. Suggest some items which can be given as return gifts without purchasing them.

Unit – 5

Let us find how many are there in each group.

1. There are 15 flowers.

They are arranged equally in 3 vases. There are 5 flowers in each vase.

- 2. There are 12 toffees.
 - They are in packets. There are toffees in each packet.
- 3. There are marbles.
 They are in bowls.
 There are marbles in each bowl.
- 4. There are 10 pencils.

Draw equal number of pencils in two boxes.



Draw equal number of leaves in three boxes.







DIVISION





DIVISION AS EQUAL DISTRIBUTION

It is Neha's Birthday.

Today she has invited 4 of her friends.

See, Neha has 12 pencils. She wants to distribute these 12 pencils equally among her 4 friends.

Neha first gave one pencil to each friend. Then, she gave one more pencil to each. Now each one has 2 pencils.

Again, Neha gave one more pencil to each. Now each one has 3 pencils.

Neha is now left with no pencils.

Neha has distributed 12 pencils equally among 4 friends. Each friend has got 3 pencils.

> In other words, 12 divided by 4 equals 3. In symbols, we write 12 ÷ 4 = 3

> > \div is the symbol for division.

Example:



Solution:







There are 21 grapes in all.

There are 3 bunches.

There are 7 grapes in each bunch.

21 divided by 3 equals 7 or 21 ÷ 3 = 7

Now see the picture and fill in the blanks.



Read carefully the statements and fill in the boxes.

1. There are 15 flowers.

There are 3 flower pots having equal number of flowers.

There are flowers in each pot.

2. There are 20 books.

There are 5 shelves having equal number of books.

There are books in each shelf.

3. There are 60 handkerchiefs.

There are 6 packets having equal number of handkerchiefs.

There are handkerchiefs in each packet.

4. There are 28 cherries.

There are 4 cakes having equal number of cherries.

There are

cherries on each cake.









DIVISION (REPEATED SUBTRACTION)



51

Thus, four friends get 3 mangoes each.

Example:



RELATION BETWEEN MULTIPLICATION AND DIVISION



Worksheet 3

1. Write the multiplication fact for each. The first one is done for you.



2. Fill in the placeholders.

	Μι	ıltip	licati	ion fa	ct	Division facts								
(a)	4	×	9	= 30	6	36	÷ 🗌		=	9	36	÷	=	4
(b)	5	×	6	=			÷		=	6		÷	=	5
(C)		×		= 48	3	48	÷ 4	4	= [÷	= [
(d)		×		= 72	2	72	÷		=	8		÷	=	9
(e)	7	×		= 49	9		÷	7	= [÷	=	7

3. Write two division facts for each. The first one is done for you.

	Question	Division facts							
(a)	3 × 5 = 15	15 ÷ 5 = 3	15 ÷ 3 = 5						
(b)	7 × 1 = 7								
(C)	4 × 9 = 36								
(d)	$6 \times 9 = 54$								
(e)	2 × 8 = 16								

DIVISION USING MULTIPLICATION TABLES



Worksheet 4

Use the multiplication tables and find the quotient.

1. 12 ÷ 2	2. 15 ÷ 3	3. 36 ÷ 6	4. 81 ÷ 9
5. 56 ÷ 7	6. 24 ÷ 8	7. 40 ÷ 10	8. 35 ÷ 5

TERMS USED IN DIVISION

12 ↓ Dividend	÷ 3 ↓ Divisor	= 4 ↓ Quotient]
Remember The number The number The result is o	to be divided is which divides th called Quotient	called Dividend le dividend is call	led Divisor .

Worksheet 5

Divison fact Dividend Divisor Quotient 21 ÷ 7 3 21 3 (a) = 7 18 ÷ 2 (b) = 35 ÷ 5 (C) = 64 ÷ 8 (d) = 50 ÷ 5 (e) = 27 ÷ 3 (f) =

1. Complete the table. The first one is done for you.

2. Make the division fact for the following. The first one is done for you.

(a)	Dividend	=	36	(b)	Dividend	=	30			
	Divisor	=	9		Divisor	=	6			
	Quotient	=	4		Quotient	=				
	Division fact	=	36 ÷ 9 = 4		Division fact	=				
(C)	Dividend	=	42	(d)	Dividend	=	72			
	Divisor	=	7		Divisor	=	9			
	Quotient	=			Quotient	=				
	Divison fact	=			Division fact	=				
(e)	Dividend	=	81	(f)	Dividend	=	45			
	Divisor	=	9		Divisor	=	5			
	Quotient	=			Quotient	=				
	Divison fact	=			Division fact	=				
	55									

LONG DIVISION METHOD

We know 56 ÷ 7 = 8

Let us do the same division by another method known as Long division method.

We arrange $56 \div 7$ as shown below:



You have got **Zero** after subtraction which means the sum has no remainder.

Worksheet 6

1. Complete the following questions using the long division method.



DIVISION WITH REMAINDER



TWO-DIGIT QUOTIENTS

Let us divide 38 by 3 using the long division method.



Worksheet 8

Find the quotient and the remainder of the following:

1.	76 ÷ 2	2.	66 ÷ 5	3.	92 ÷ 8
4.	67 ÷ 5	5.	75 ÷ 3	6.	99 ÷ 7
7.	89 ÷ 6	8.	78 ÷ 2	9.	80 ÷ 5

PROPERTIES OF DIVISION







DIVISION BY 3-DIGIT NUMBERS

Let us divide 365 by 5 using the long division method.



5

Word Problems

Example 1:

There are 30 toffees packed in 6 packets. Each box has got equal number of toffees. How many toffees are there in one packet?

Solution:

		0
Number of toffees in 6 packets	= 30	6 30
Number of toffees in one packet	= 30 ÷ 6	- 3 0
	= 5	0

Each packet has 5 toffees.

Example 2:

There are 42 laddoos in a plate. They are equally distributed among 7 persons. How many will each get?

Solution:

Number of laddees 7 persons get	- 40	6
Number of laddoos 7 persons get	- 42	7 42
Number of laddoos each person gets	= 42 ÷ 7	-42
	= 6	0

Each person gets 6 laddoos.

Worksheet 11

- 1. 50 pencils are equally packed in 5 packets. How many pencils are there in each packet?
- 2. Raju has 72 stamps. He pastes 8 stamps in each page of a scrap book. How many pages are used by Raju?
- 3. There are 35 biscuits in a packet. 5 girls want to share them equally. How many biscuits will each get?
- 4. Rahul can type 32 pages in 8 hours. How many pages can be typed in one hour?
- 5. 60 marbles are equally shared among 10 boys. How many marbles will each boy get?

Value Based Question

In a colony, there was a group of 8 girls and 12 boys. All of them were keen to protect their environment. One evening, they all went to the garden in their colony to plant 24 saplings. All the boys got engaged in cleaning by picking up the fallen leaves. All the girls distributed the saplings equally among themselves. Within one hour, the saplings were planted and the garden was clean.



- 1. How many saplings did each girl plant?
- 2. How do you care for your school garden?
- 3. Suggest other ways to keep the environment clean.
- 4. Which value is reflected by the children?

Brain Teasers (Multiplication and Division)

1. Tick () the correct answer.

(a) If Dividend = 18, Divisor = 6, Quotient = 3, then the Division fact is-

(i) $18 \div 3 = 6$ (ii) $6 \div 3 = 18$ (iii) $18 \div 6 = 3$ (iv) $6 \div 18 = 3$

- (b) Division is repeated—
 - (i) addition (ii) subtraction (iii) multiplication (iv) none of these



Unit – 6



READING A CALENDAR

Let us have some fun with calendar.

	J	anu	iary	7)	Fe	ebri	uary	/					Mar	ch						Ар	oril		
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Su	n Mor	n Tue	Wed	Thu	Fr
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7				1	2	3
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14	5	6	7	8	9	10
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21	12	13	14	15	16	17
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28	19	20	21	22	23	24
25	26	27	28	29	30	31								29	30	31					26	27	28	29	30	
		Ма	ıy)		Ju	ne						Ju	ly						Aug	jusi	•	
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Su	n Mor	Tue	Wed	Thu	F
					1	2		1	2	3	4	5	6				1	2	3	4						
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21
24	25	20	21	28	29	30	28	29	30					26	27	28	29	30	31		20	24	25	26	21	28
	Se	pte	mb	er)	C	octo	ber					No	over	nbe	er				D	ece	mb	er	
Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Su	n Mor	n Tue	Wed	Thu	F
		1	2	3	4	5					1	2	3	1	2	3	4	5	6	7			1	2	3	4
		8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14	6	7	8	9	10	11
6	7	~												15	16	17	40	10	-							
6 13	7 14	15	16	17	18	19	11	12	13	14	15	16	17		10	17	18	19	20	21	13	14	15	16	17	- 18
6 13 20	7 14 21	15 22	16 23	17 24	18 25	19 26	11 18	12 19	13 20	14 21	15 22	16 23	17 24	22	23	24	25	26	20	21 28	13	14 21	15 22	16 23	17 24	18 25

CALENDAR OF YEAR 2015

Worksheet 1

- 1. Look carefully at the given calendar and answer the following questions.
- (a) How many months does a year have?
- (b) Do all months have the same number of days?



- (c) Name the months which have 31 days.
- (d) Name the months which have 30 days. (e) Which is the shortest month of the year? (f) How many days make a week? (g) How many Saturdays are there in the following months? January June March October (h) Which day is it on the-11th of April. 29th of June. 1st of November. 16th of September. • What date is on the-(i) second Saturday of May. fourth Tuesday of July. fifth Wednesday of October. first Sunday of August.

- (j) Name the months in which these festivals fall.
 - Republic day
 - Independence day
 - Gandhi Jayanti
 - Teacher's day
 - Children's day
- (k) See the calendar given on page 64 and complete the month of September and answer the given questions.

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1			4	
				10		
	14				18	
				24		

- Colour all Sundays red.
- Is 22nd a Sunday?
- What is the date on second Satuday?
- How many Fridays are there in this month?
- What day is it on 5th September?
- 2. Write the following dates in short form. First one is done for you.
 - (a) 16th July 1971 16.7.1971
 (b) 23rd May 1980
 - (c) 5th October 2006

3. Write the following dates as per the example.



CLOCK

Do you remember the face of the clock?

1. Show the time on the clocks for the following activities:







Start counting the units from the mark 12, and come back to it. You will get 60 units.

These small units are 60 Minutes.

When a minute hand completes one round, it moves through these small 60 units. The minute hand takes 1 hour to complete these 60 units.



1 hour = 60 minutes

The face of the clock has 12 equal big units on it. These big units are called **hours**.

The hour hand takes 60 minutes to move from one number to the next number.

Worksheet 2

1. Look at the given clock.

How many minutes will the minute hand take to move from:

- (a) 12 to 1 (b) 12 to 4
- (c) 12 to 7 (d) 12 to 10
- (e) 12 to 11 (f) 5 to 8
- (g) 9 to 11 (h) 3 to 9





2. Fill in the blanks.

- (a) There are _____ minutes in one hour.
- (b) The hour hand takes _____ hours to move from 2 to 5.
- (c) The hour hand takes _____ hours to move from 12 to 7.
- (d) The hour hand takes _____ hours to move from 6 to 11.
- (e) The hour hand completes _____ rounds in one day.

FINDING TIME IN ¼ HOURS AND IN MINUTES

Let us see what the time will be if the minute hand is against any mark (numbers other than 6 or 12).



Example:



The hour hand is between 2 and 3 The minute hand is at 10 (left hand side) Time : 10 minutes to 3. 2:50



The hour hand is between 2 and 3 The minute hand is at 5 (right hand side) Time : 25 minutes past 2. 2:25



Worksheet 3

1. Fill in the blanks. The first question is done for you.

(a) The hour hand
 is between 6
 and 7. The
 minute hand is
 at 8.



- Time : 40 minutes past 6 or 6:40
- (b) The hour hand is between _____ and ____. The minute hand is at ____.



Time :

(c) The hour hand is between ______ and ____. The minute hand is at ____.

Time :

(d) The hour hand is between _____
 and _____. The minute hand is at _____.



Time :

2. Write the following 'times' in numbers. The first one is done for you.

(a) ⊦	lalf	past	4
-------	------	------	---

- (c) 20 minutes past 6
- (e) Quarter to 2
- 4:30
- (b) Quarter past 9

(f)

(d) 10 minutes to 3

15 minutes past 7

_		
_		

3.	Write the	following	'times'	in words.	The first	one	is done	for yo	ou.
----	-----------	-----------	---------	-----------	-----------	-----	---------	--------	-----

(a) 1:15 = <u>15 minutes past 1</u>

=

(c) 11:10

- (b) 4:35 =_____
- (d) 12:05

4. What time does the clock show? Write in words and numbers. First one is done for you.





Converting 'hours' and 'minutes' into 'minutes'

Convert 4 hours 30 minutes into 'minutes'.



We observe that to convert 'hours' and 'minutes' into 'minutes', we multiply the number of hours by 60 and add to it the number of minutes.

Worksheet 4

1. Convert into hours.

- (a) 2 days (b) 8 days (c) 30 days
- (d) 1 week (e) 12 days (f) 31 days

2. Convert into minutes.

- (a) 6 hours (b) 9 hours (c) 30 hours
- (d) 22 hours (e) 7 hours

3. Convert into minutes.

- (a) 2 hours 15 minutes
- (c) 9 hours 5 minutes
- (e) 7 hours 40 minutes

- (f) 12 hours
 - (b) 1 hour 55 minutes
 - (d) 16 hours 20 minutes
 - (f) 12 hour 45 minutes

TIME — 'a.m.' AND 'p.m.'



1. Write what you were doing yesterday at the following time.



2. Write the time in a.m. or p.m. First one is done for you.

(a)	Jogging in the morning.	6:30 a.m.
(b)	Having breakfast.	
(C)	Having lunch at 2:30.	
(d)	Playing in the evening.	
(e)	Sleeping at night 10 O'clock.	
(f)	Brushing teeth before going to bed.	
(g)	Praying to God in the evening.	

Value Based Question

It was 7:55 a.m. Sania reached the bus stop with her father. She had missed her school bus just by five minutes. Her father dropped her to the school. Later, she also realised that her Maths homework was incomplete. She recalled that the last evening, there were some guests at home. As her mother was not well, she was helping her father in small household chores. She told everything to the teacher and promised to complete her work that day only.



- 1. At what time did Sania reach the bus stop?
- 2. At what time did the bus reach the bus stop?
- 3. What activities do you do in the evening and at what time?
- 4. What does this situation tell about Sania?

Brain Teasers

- 1. Tick (✔) the correct answer.
 - (a) There are _____ minutes in three hours.
 - (i) 120 (ii) 150 (iii) 180 (iv) 60



5. How long does it take?

Think of different activities and the time taken by them. Make your table as long as you can. Some examples are given below.

Takes minutes	Takes hours
1. Brush teeth.	1. To stitch a frock.
§ 2 {	§ 2 🗧
3	3
Takes days	Takes months
Takes days	Takes months
Takes days 1. For a fruit to ripe.	Takes months 1. To change from summer to winter.
Takes days 1. For a fruit to ripe. 2.	Takes months 1. To change from summer to winter. 2.

- 6. Look at your class time table and find out the following:
 - (a) How many periods of Mathematics are there in a week?
 - (b) What is the duration of each period?
 - (c) How long is the recess period?
- 7. Mehak goes to learn piano during the vacation. Now study the given clocks carefully. Find out the duration of Mehak's piano class.

