

**STD I**  
**MATH NOTES**  
**(2024-2025)**

## **TERM-I**

### **NUMBER NAMES 1-20**

1 - One

11 - Eleven

2 - Two

12 - Twelve

3 - Three

13 - Thirteen

4 - Four

14 - Fourteen

5 - Five

15 - Fifteen

6 - Six

16 - Sixteen

7 - Seven

17 - Seventeen

8 - Eight

18 - Eighteen

9 - Nine

19 - Nineteen

10 - Ten

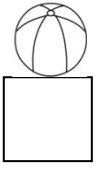
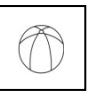
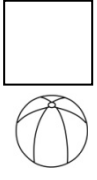
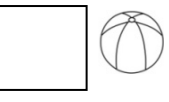
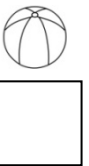
20 - Twenty

## NUMERALS: 1- 100

1		11		21		31		41
2		12		22		32		42
3		13		23		33		43
4		14		24		34		44
5		15		25		35		45
6		16		26		36		46
7		17		27		37		47
8		18		28		38		48
9		19		29		39		49
10		20		30		40		50

51		61		71		81		91
52		62		72		82		92
53		63		73		83		93
54		64		74		84		94
55		65		75		85		95
56		66		76		86		96
57		67		77		87		97
58		68		78		88		98
59		69		79		89		99
60		70		80		90		100

## CH: 1 FINDING THE FURRY CAT!

1.  - On
2.  - In
3.  - Under
4.  - Near
5.  - Above

### I. WRITE THE NUMBER THAT COMES AFTER.

- a) 9, 10
- b) 12, 13
- c) 24, 25

### II. WRITE THE NUMBER THAT COMES BEFORE.

- a) 3, 4
- b) 16, 17
- c) 30, 31

### III. WRITE THE NUMBER THAT COMES IN BETWEEN.

- a) 7, 8, 9
- b) 18, 19, 20
- c) 48, 49, 50

## NUMERALS 101 - 200

101		111		121		131		141
102		112		122		132		142
103		113		123		133		143
104		114		124		134		144
105		115		125		135		145
106		116		126		136		146
107		117		127		137		147
108		118		128		138		148
109		119		129		139		149
110		120		130		140		150

151		161		171		181		191
152		162		172		182		192
153		163		173		183		193
154		164		174		184		194
155		165		175		185		195
156		166		176		186		196
157		167		177		187		197
158		168		178		188		198
159		169		179		189		199
160		170		180		190		200

## NUMBER NAMES: 21-50

21 - Twenty one

36 -Thirty six

22 - Twenty two

37 - Thirty seven

23 - Twenty three

38 - Thirty eight

24 - Twenty four

39 - Thirty nine

25 - Twenty five

40 - Forty

26 - Twenty six

41 - Forty one

27 - Twenty seven

42- Forty two

28 - Twenty eight

43 - Forty three

29 - Twenty nine

44 - Forty four

30 - Thirty

45 - Forty five

31 - Thirty one

46 - Forty six

32 - Thirty two

47 - Forty seven

33 - Thirty three

48 - Forty eight

34 - Thirty four

49 – Forty nine

35 - Thirty five

50 - Fifty

## CH-2 WHAT IS LONG? WHAT IS ROUND?

### I. DRAW THE SHAPES.

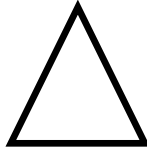
1. Square



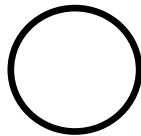
2. Rectangle



3. Triangle



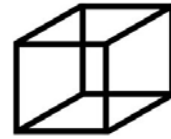
4. Circle



5. Cone



6. Cube




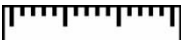


7. Cylinder








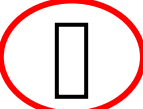


### ROLL AND SLIDE

- ❖ Shapes that have flat surfaces, can slide.
- ❖ Shapes that have curved surfaces, can roll.

Object	Roll	Slide	Both
Dice 		✓	
Ball 	✓		
Coin 			✓
Ruler 		✓	

### II. CIRCLE THE OBJECTS THAT ARE SIMILAR TO THE GIVEN SHAPE.

**CH- 3 MANGO TREAT &  
CH- 8 FUN WITH NUMBERS**

**NOTES: PLACE VALUE**

1 Ten = Ten = 10

2 Tens = Twenty = 20

3 Tens = Thirty = 30

4 Tens = Forty = 40

5 Tens = Fifty = 50

6 Tens = Sixty = 60

7 Tens = Seventy = 70

8 Tens = Eighty = 80

9 Tens = Ninety = 90

10 Tens = One Hundred = 100

**I. WRITE THE MISSING NUMBER:**

a) 3 , 4 , 5

b) 7, 8 , 9

**II. RING THE SMALLEST NUMBER:**

a) 7 , 1 , 3

b) 5 , 6 , 2

**III. RING THE BIGGEST NUMBER:**

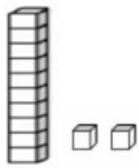
a) 8 , 3 , 5

b) 2 , 4 , 6



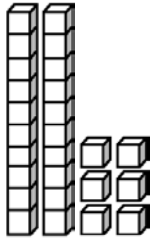
#### IV. PLACE VALUE:

a)



T	O
1	2

b)



T	O
2	6

#### V. WRITE IN EXPANDED FORM:

a)  $65 = \underline{6}$  tens and  $\underline{5}$  ones  
 $= \underline{60} + \underline{5}$

b)  $83 = \underline{8}$  tens and  $\underline{3}$  ones  
 $= \underline{80} + \underline{3}$

**NUMBER NAMES: 51-70**

51 - Fifty one

61 - Sixty one

52 - Fifty two

62 - Sixty two

53 - Fifty three

63 - Sixty three

54 - Fifty four

64 - Sixty four

55 - Fifty five

65 - Sixty five

56 - Fifty six

66 - Sixty six

57 - Fifty seven

67 - Sixty seven

58 - Fifty eight

68 - Sixty eight

59 - Fifty nine

69 - Sixty nine

60 - Sixty

70 - Seventy

## NUMBER NAMES: 71-100

71 - Seventy one

86 - Eighty six

72 - Seventy two

87 - Eighty seven

73 - Seventy three

88 - Eighty eight

74 - Seventy four

89 - Eighty nine

75 - Seventy five

90 - Ninety

76 - Seventy six

91 - Ninety one

77 - Seventy seven

92 - Ninety two

78 - Seventy eight

93 - Ninety three

79 - Seventy nine

94 - Ninety four

80 - Eighty

95 - Ninety five

81 - Eighty one

96 - Ninety six

82 - Eighty two

97 - Ninety seven

83 - Eighty three

98 - Ninety eight

84 - Eighty four

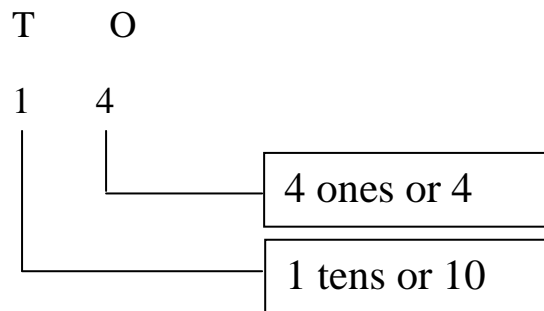
99 - Ninety nine

85 - Eighty five

100 - One Hundred

## CH :4 MAKING 10

### I. WRITE THE PLACE VALUE OF THE DIGITS :



### II. RING THE VALUE OF THE UNDERLINED DIGIT.

a) 

	<u>1</u> 5	
(5)		50

b) 

	1 <u>9</u>	
1		(10)

### III. COUNT FORWARD.

a) 5 , 6 , 7 , 8 , 9

b) 13 , 14 , 15 , 16 , 17

### IV. COUNT BACKWARD.

a) 8 , 7 , 6 , 5 , 4

b) 19 , 18 , 17 , 16 , 15

### V. REARRANGE THE NUMBERS IN INCREASING ORDER:

a) 17 , 33 , 24 , 10

10 , 17 , 24 , 33

b) 45 , 27 , 38 , 57

27 , 38 , 45 , 57

**VL. REARRANGE THE NUMBERS IN DECREASING ORDER:**

a) 29 , 15 , 50 , 38

50 , 38 , 29 , 15

b) 13, 47, 20 , 9

47, 20 , 13, 9

**VII. SKIP COUNTING**

Count in 2's :

2 , 4, 6, 8, 10, 12, 14, 16, 18, 20

Count in 5's:

5 , 10 , 15 , 20 , 25 , 30 , 35 , 40 , 45 , 50

Count in 10's :

10 , 20 , 30 , 40 , 50 , 60 , 70 , 80 , 90, 100

## CH-5 HOW MANY?

### ADDITION:

#### I. PROPERTIES OF ADDITION:

1. Adding zero:

$$3 + 0 = \underline{3}$$

$$0 + 7 = \underline{7}$$

2. Adding one:

$$4 + 1 = \underline{5}$$


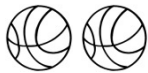

$$1 + 8 = \underline{9}$$

3. Orders in addition:




$$5 + 1 = \underline{6} ; \quad 1 + 5 = \underline{6}$$

$$2 + 1 = \underline{3} ; \quad 1 + 2 = \underline{3}$$

#### II. COUNT AND ADD:

a)  +  = 

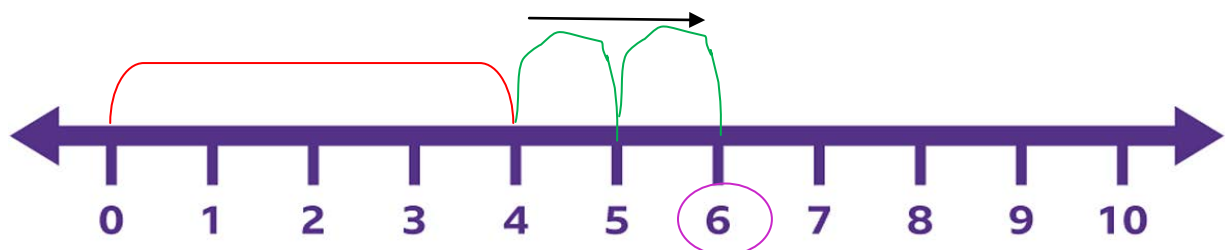
3      2      5

b)  +  = 

5      3      8

#### III. ADD BY USING NUMBER LINE:

$$4 + 2$$



$$4 + 2 = \boxed{6}$$

## SUBTRACTION

### I. PROPERTIES OF SUBTRACTION:

1. Subtracting zero:

$$5 - 0 = \underline{5}$$

$$9 - 0 = \underline{9}$$

2. Subtracting a number from itself:

$$4 - 4 = \underline{0}$$

$$8 - 8 = \underline{0}$$

### II. VERTICAL SUBTRACT:

a) 

-
---

0
6
2
4

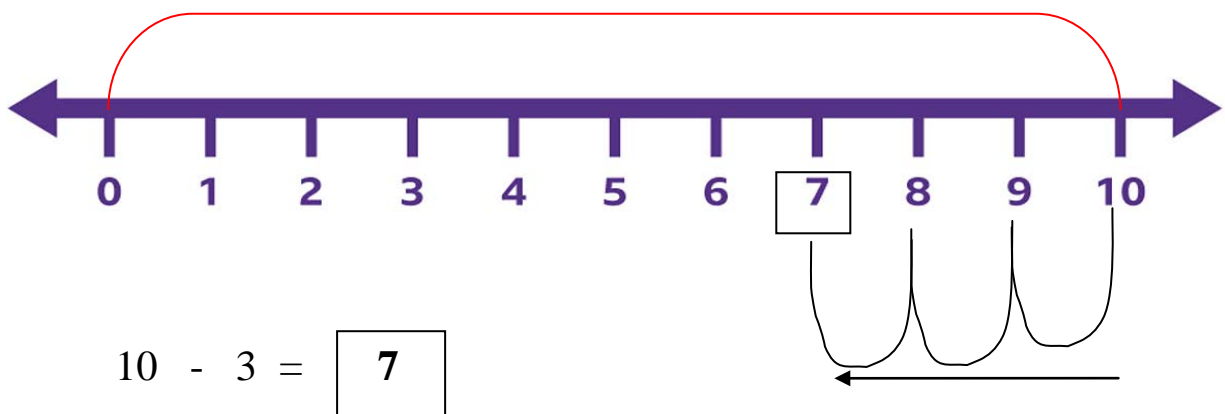
b) 

-
---

0
4
3
1

### III. SUBTRACT BY USING NUMBER LINE:

$$10 - 3$$



#### IV. STORY SUMS:

1. In a flower shop, there are 4 roses and 2 sunflowers. How many flowers are there in all?

Ans:

Number of <u>roses</u>	=		0
			4
Number of <u>sunflowers</u>	=	+	2
Total number of <u>flowers</u>	=		6

2. There are 8 pens. 4 pens were used. How many are left?

Ans:

Total Number of <u>pens</u>	=		0
			8
Number of pens <u>used</u>	=	-	4
Number of pens <u>left</u>	=		4



**NUMERALS: 201 -300**

201		211		221		231		241
202		212		222		232		242
203		213		223		233		243
204		214		224		234		244
205		215		225		235		245
206		216		226		236		246
207		217		227		237		247
208		218		228		238		248
209		219		229		239		249
210		220		230		240		250

251		261		271		281		291
252		262		272		282		292
253		263		273		283		293
254		264		274		284		294
255		265		275		285		295
256		266		276		286		296
257		267		277		287		297
258		268		278		288		298
259		269		279		289		299
260		270		280		290		300

## NUMBER NAMES: 101-150

101 - One hundred one

105 - One hundred five

111 - One hundred eleven

117 - One hundred seventeen

120 - One hundred twenty

125 - One hundred twenty five

129 - One hundred twenty nine

133 - One hundred thirty three

146 - One hundred forty six

148 - One hundred forty eight

150 - One hundred fifty

## CH-9 Utsav

### I. PATTERN IN SHAPES:



### II. PATTERN IN NUMBERS:

a) 1, 3, 5, 7, 9

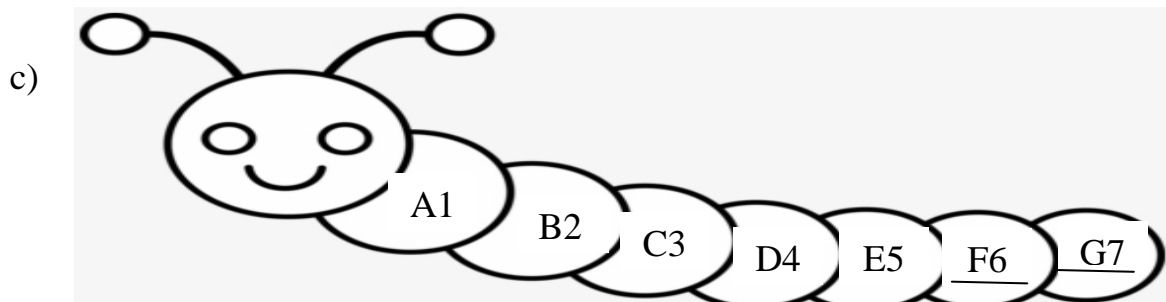
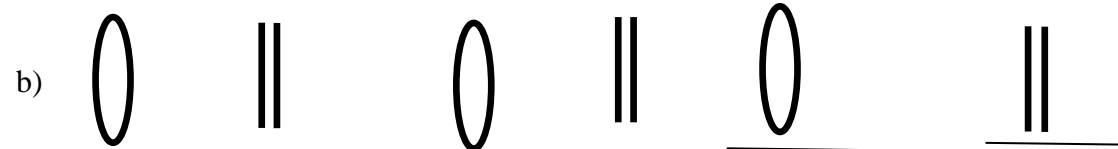
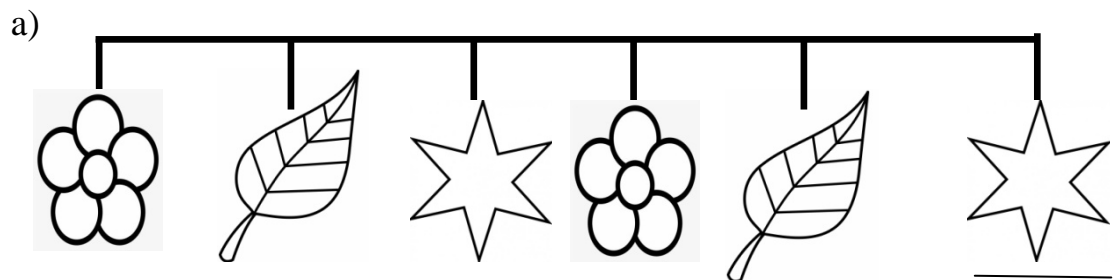
b) 30, 40, 50, 60, 70

### III. PATTERN IN WORDS:

1. RED, BLUE, PINK, RED, BLUE, PINK

2. CAT, DOG, CAT, DOG, CAT

### IV. EXTEND THE SEQUENCE:



## NUMBER NAMES 151-200

151 - One hundred fifty one

154 - One hundred fifty four

158 - One hundred fifty eight

160 - One hundred sixty

167 - One hundred sixty seven

175 - One hundred seventy five

177 - One hundred seventy seven

183 - One hundred eighty three

190 - One hundred ninety

192 - One hundred ninety two

200 - Two hundred

## CH- 12 HOW MUCH CAN WE SPEND?

Money is denoted as Rupee (₹) and paise(p) in India.


### I.FILL UP:

1. The side shows the number of the coin is called **tails**.
2. The other side of the coin is called **heads**.
3. 1 Rupee = 100 paise.
4. Twenty five rupees is written as ₹ 25
5. Fifty paise is written as 50 p

### II. COUNT HOW MUCH MONEY?

- a)  = ₹ 12
- b)  = ₹ 20
- c)  = ₹ 30

### III. RING THE CORRECT AMOUNT:

- a)  =    
Rs. 25
- b)  =    
Rs. 12

**TERM-2**

**NUMERALS: 301- 400**

301		311		321		331		341
302		312		322		332		342
303		313		323		333		343
304		314		324		334		344
305		315		325		335		345
306		316		326		336		346
207		317		327		337		347
308		318		328		338		348
309		319		329		339		349
310		320		330		340		350

351		361		371		381		391
352		362		372		382		392
353		363		373		383		393
354		364		374		384		394
355		365		375		385		395
356		366		376		386		396
357		367		377		387		397
358		368		378		388		398
359		369		379		389		399
360		370		380		390		400

## NUMBER NAMES: 201-300

201 - Two hundred one

205 - Two hundred five

210 - Two hundred ten

216 - Two hundred sixteen

225 - Two hundred twenty five

232 - Two hundred thirty two

240 - Two hundred forty

248 - Two hundred forty eight

253 - Two hundred fifty three

264 - Two hundred sixty four

270 - Two hundred seventy

277 - Two hundred seventy seven

283 - Two hundred eighty three

289 - Two hundred eighty nine

295 - Two hundred ninety five

300 - Three hundred

## CH- 6 VEGETABLE FARM

### I. ADDITION:

a)

	<b>T</b>	<b>O</b>
	2	5
+	1	2
	<b>3</b>	<b>7</b>

b)

	<b>T</b>	<b>O</b>
	5	2
+	1	6
	<b>6</b>	<b>8</b>

c)

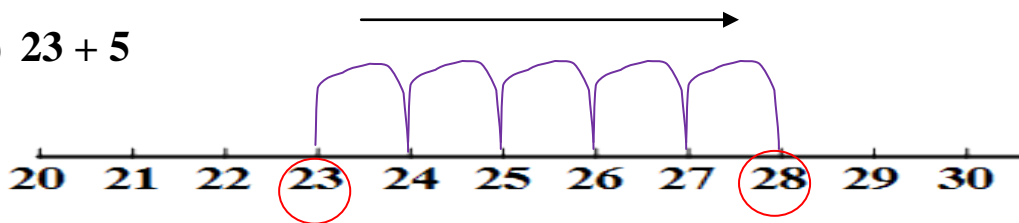
	<b>T</b>	<b>O</b>
	7	1
+	2	4
	<b>9</b>	<b>5</b>

d)

	<b>T</b>	<b>O</b>
	4	0
+	2	3
	<b>6</b>	<b>3</b>

### II. USE THE NUMBER LINE TO ADD:

a)  $23 + 5$



	<b>T</b>	<b>O</b>
	2	3
+		5
	2	8



## II. SUBTRACTION:

a)

	<b>T</b>	<b>O</b>
	9	7
-	3	4
	<b>6</b>	<b>3</b>

b)

	<b>T</b>	<b>O</b>
	6	3
-	3	2
	<b>3</b>	<b>1</b>

c)

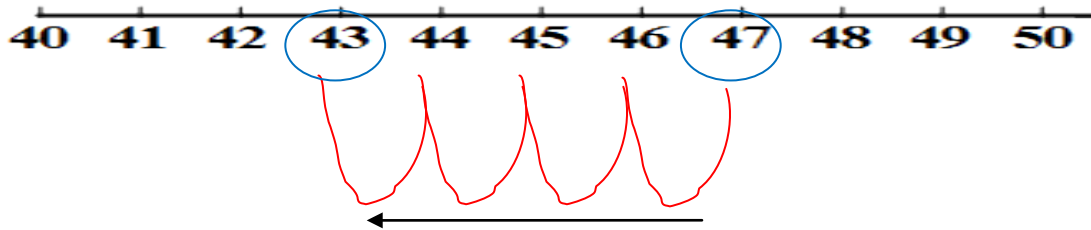
	<b>T</b>	<b>O</b>
	5	0
-	1	2
	<b>4</b>	<b>2</b>

d)

	<b>T</b>	<b>O</b>
	8	7
-	3	4
	<b>5</b>	<b>3</b>

## IV. USE THE NUMBER LINE TO SUBTRACT:

a)  $47 - 4$



	<b>T</b>	<b>O</b>
	4	7
-		4
	4	3

**V. USE THE FACT FAMILY TO CREATE THE RELATED FACTS.**

<b>6</b>		$4 + 2 =$	<b>6</b>	$6 - 2 =$	<b>4</b>
<b>4</b>	<b>2</b>	$2 + 4 =$	<b>6</b>	$6 - 4 =$	<b>4</b>

**VI. STORY SUM:**

- Ram bought 37 cup cakes and 21 muffins. How many cakes did he buy altogether?

Ans:

Number of cup cakes =

Number of muffins =

Total number of cakes =

+

<b>T</b>	<b>O</b>
3	7
2	1
<b>5</b>	<b>6</b>

- Priya's has 35 pencils. She took 23 pencils. How many pencils are left?

Ans:

Total number of pencils =

Number of pencils took =

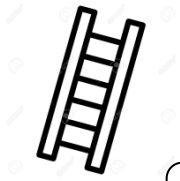
Number of pencils left =

-

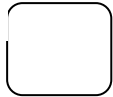
<b>T</b>	<b>O</b>
3	5
2	3
<b>1</b>	<b>2</b>

**CH-7 LINA'S FAMILY**

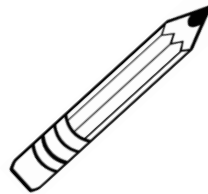
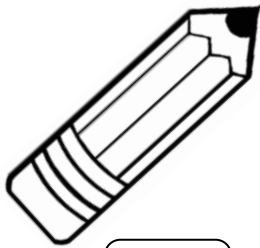
**I. TICK THE LONGER ONE:**



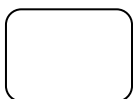
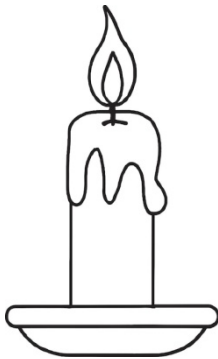
**II. TICK THE SHORTER ONE:**



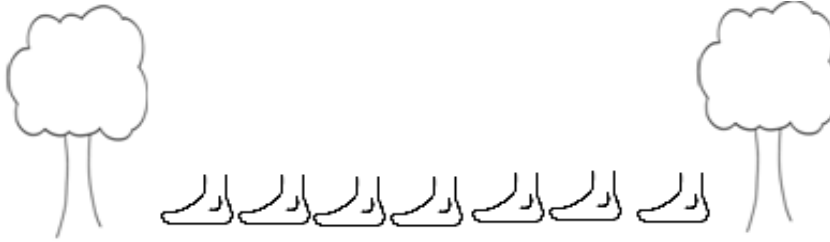
**III. TICK THE THICKER ONE:**



**IV. TICK THE THINNER ONE:**



**A. LENGTH:**

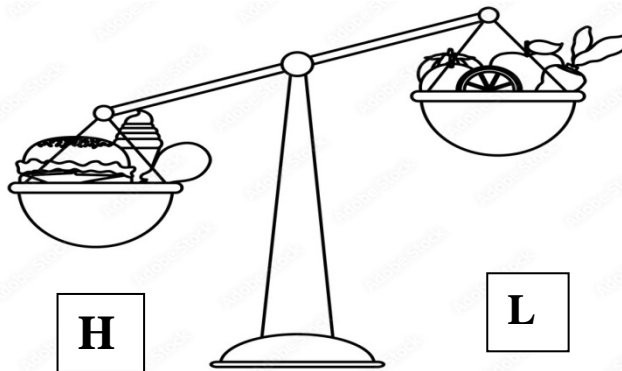


The distance between two trees is 7 feet.

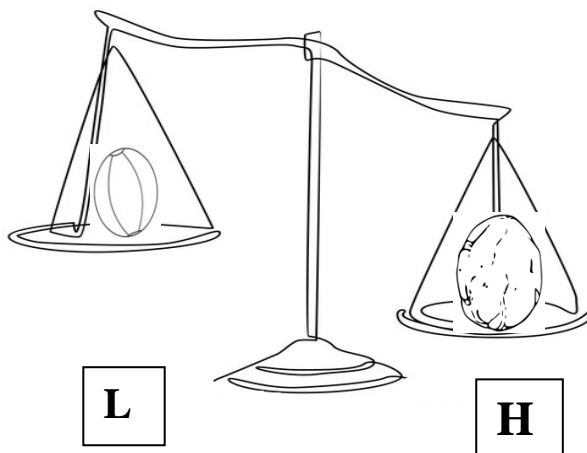
**B. WEIGHT:**

Write for **H** heavier and **L** for lighter objects.

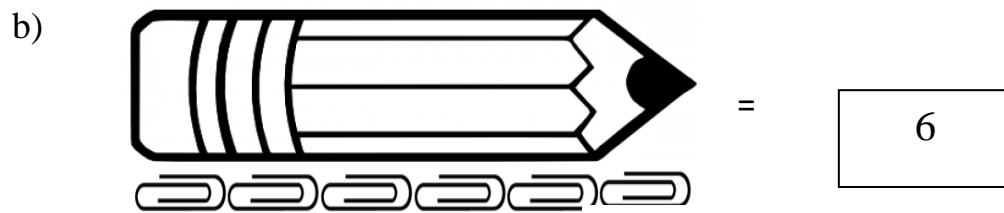
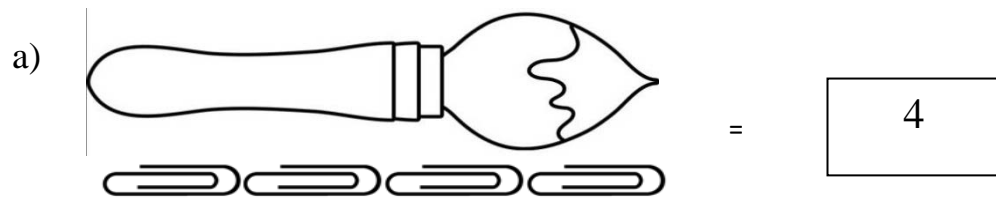
a)



b)



**C. MEASURE EACH OBJECT USING PAPER CLIPS:**



### NUMERALS: 401-500

401		411		421		431		441
402		412		422		432		442
403		413		423		433		443
404		414		424		434		444
405		415		425		435		445
406		416		426		436		446
407		417		427		437		447
408		418		428		438		448
409		419		429		439		449
410		420		430		440		450

451		461		471		481		491
452		462		472		482		492
453		463		473		483		493
454		464		474		484		494
455		465		475		485		495
456		466		476		486		496
457		467		477		487		497
458		468		478		488		498
459		469		479		489		499
460		470		480		490		500

## NUMBER NAMES: 301-400

301 - Three hundred one

312 - Three hundred twelve

325 - Three hundred twenty five

334 - Three hundred thirty four

348 - Three hundred forty eight

349 - Three hundred forty nine

356 - Three hundred fifty six

369 - Three hundred sixty nine

366 - Three hundred sixty six

370 - Three hundred seventy

372 - Three hundred seventy two

383 - Three hundred eighty three

389 - Three hundred eighty nine

397 - Three hundred ninety seven

400 - Four hundred

## CH-10: HOW DO I SPEND MY DAY?



- ❖ There are 12 numbers on the face of a clock .
- ❖ There are 2 hands on a clock.
- ❖ The short hand is the hour hand.
- ❖ The long hand is the minute hand.

### I. READ THE TIME AND WRITE THE TIME IN TWO WAYS:



**4 o'clock**

**4: 00**

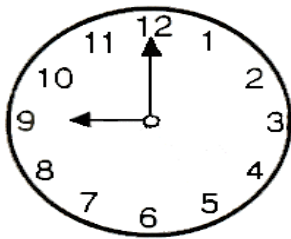


**7 o'clock**

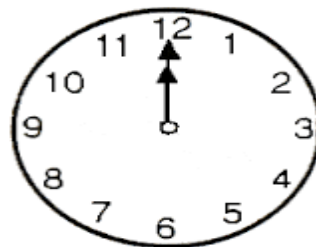
**7: 00**

### II. DRAW THE HANDS TO SHOW THE TIME:

a) 9 o'clock



b) 12 o'clock





**III. FILL IN THE BLANKS:**

1. 1 minutes = 60seconds.

2. 1 hours = 60 minutes.

3. 1 day = 24 hours.

**IV. TICK (✓) YOUR ACTIVITIES THAT YOU DO IN THE MORNING.**

Eat

Sleep

Brush

Play

**V. MATCH THE OBJECT WITH THE SEASON.**

1. Summer - 

2. Winter - 

3. Monsoon - 

4. Spring - 

## NUMBER NAMES: 401-500

401 - Four hundred one

407 - Four hundred seven

414 - Four hundred fourteen

419 - Four hundred nineteen

426 - Four hundred twenty six

438 - Four hundred thirty eight

444 - Four hundred forty four

450 - Four hundred fifty

453 - Four hundred fifty three

466 - Four hundred sixty six

473 - Four hundred seventy three

479 - Four hundred seventy nine

480 - Four hundred eighty

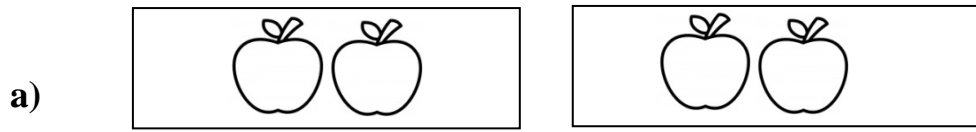
483 - Four hundred eighty three

497 - Four hundred ninety seven

500 - Five hundred

## CH -11. HOW MANY TIMES

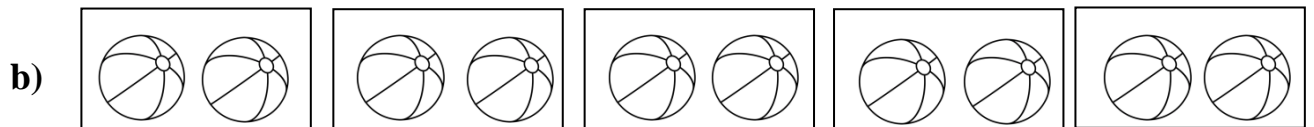
### I. HOW MANY?



$$2 + 2 = 4$$

$$2 \text{ times of } 2 = 4$$

Total numbers of apples is 4







$$2 + 2 + 2 + 2 + 2 = 10$$

$$5 \text{ times of } 2 = 10$$

Total numbers of balls is 10

## CH-13 SO MANY TOYS

### I. READ THE GIVEN DATA AND ANSWER THE FOLLOWING:

<b>Aeroplanes</b>	
<b>Balls</b>	
<b>Cars</b>	
<b>Dolls</b>	

1. How many cars are there? 4
2. How many aeroplanes are there? 3
3. Which toy is the most? balls
4. Which toy is the least? Doll

### II. COUNT THE NUMBER OF LETTERS IN THE WORD.

1. **S** **U** **M** = 3
2. **M** **O** **N** **E** **Y** = 5

## MULTIPLICATION TABLE

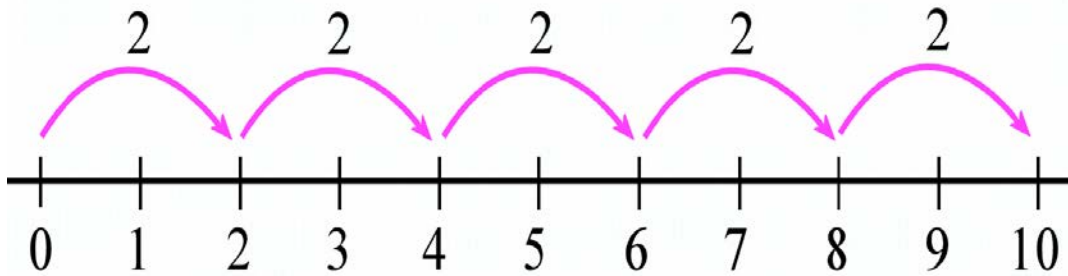
### 0 - table

$$\begin{aligned}0 \times 0 &= 0 \\0 \times 1 &= 0 \\0 \times 2 &= 0 \\0 \times 3 &= 0 \\0 \times 4 &= 0 \\0 \times 5 &= 0 \\0 \times 6 &= 0 \\0 \times 7 &= 0 \\0 \times 8 &= 0 \\0 \times 9 &= 0 \\0 \times 10 &= 0\end{aligned}$$

### 1 - table

$$\begin{aligned}1 \times 0 &= 0 \\1 \times 1 &= 1 \\1 \times 2 &= 2 \\1 \times 3 &= 3 \\1 \times 4 &= 4 \\1 \times 5 &= 5 \\1 \times 6 &= 6 \\1 \times 7 &= 7 \\1 \times 8 &= 8 \\1 \times 9 &= 9 \\1 \times 10 &= 10\end{aligned}$$

### 1. Skip counting by 2



### 2 Table:

$$2 \times 0 = 0$$

$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

$$2 \times 4 = 8$$

$$2 \times 5 = 10$$

$$2 \times 6 = 12$$

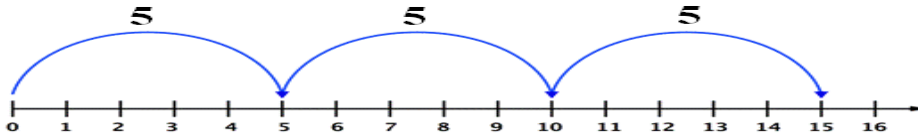
$$2 \times 7 = 14$$

$$2 \times 8 = 16$$

$$2 \times 9 = 18$$

$$2 \times 10 = 20$$

## 2. Skip Counting by 5



### 5 table:

$$5 \times 0 = 5$$

$$5 \times 1 = 5$$

$$5 \times 2 = 10$$

$$5 \times 3 = 15$$

$$5 \times 4 = 20$$

$$5 \times 5 = 25$$

$$5 \times 6 = 30$$

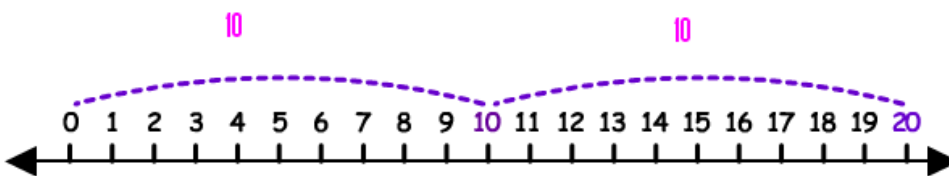
$$5 \times 7 = 35$$

$$5 \times 8 = 40$$

$$5 \times 9 = 45$$

$$5 \times 10 = 50$$

## 3. Skip counting by 10



### 10 table :

$$10 \times 0 = 10$$

$$10 \times 1 = 10$$

$$10 \times 2 = 20$$

$$10 \times 3 = 30$$

$$10 \times 4 = 40$$

$$10 \times 5 = 50$$

$$10 \times 6 = 60$$

$$10 \times 7 = 70$$

$$10 \times 8 = 80$$

$$10 \times 9 = 90$$

$$10 \times 10 = 100$$