

**STD-II**

**MATHS**

**NOTES**

**(2025-2026)**

## **TERM-I**

### **Numerals :501 – 550**

|     |  |     |  |     |  |     |  |     |
|-----|--|-----|--|-----|--|-----|--|-----|
| 501 |  | 511 |  | 521 |  | 531 |  | 541 |
| 502 |  | 512 |  | 522 |  | 532 |  | 542 |
| 503 |  | 513 |  | 523 |  | 533 |  | 543 |
| 504 |  | 514 |  | 524 |  | 534 |  | 544 |
| 505 |  | 515 |  | 525 |  | 535 |  | 545 |
| 506 |  | 516 |  | 526 |  | 536 |  | 546 |
| 507 |  | 517 |  | 527 |  | 537 |  | 547 |
| 508 |  | 518 |  | 528 |  | 538 |  | 548 |
| 509 |  | 519 |  | 529 |  | 539 |  | 549 |
| 510 |  | 520 |  | 530 |  | 540 |  | 550 |

### **Write number names for the following numerals:**

501 – Five hundred one

502 - Five hundred two

503 – Five hundred three

504 – Five hundred four

505 – Five hundred five

506 – Five hundred six

507 – Five hundred seven

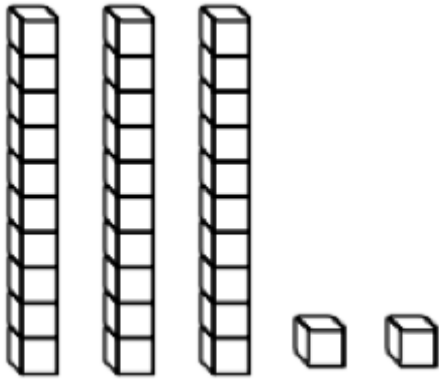
508 – Five hundred eight

509 – Five hundred nine

510 – Five hundred ten

## Ch-1:A Day at the Beach

### I. Place value:



3 tens + 2 ones

$$30 + 2 = 32$$

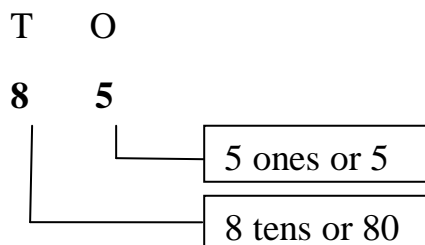
### II. Fill in the blanks with more or less:

- 1) 97 chocolates are more than 45 chocolates.
- 2) 78 beads are less than 90 beads.
- 3) 35 apples are less than 53 apples.
- 4) 1 block stick = 10 blocks.
- 5) 5 tens + 2 ones = 52

### III. Draw ○ - tens and △ - ones:

- 1)  $20 + 3$  - ○ ○ △ △ △
- 2)  $50 + 2$  - ○ ○ ○ ○ ○ △ △

### IV. Write the place value of the digits:



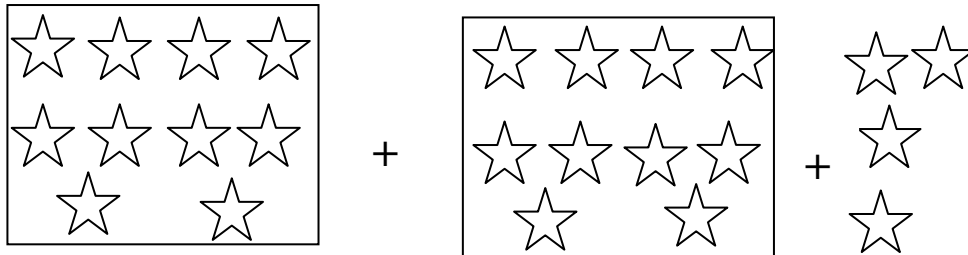
**V. Write the numbers in expanded form:**

a)  $43 = \underline{4} \text{ Tens} + \underline{3} \text{ Ones} = \underline{40} + \underline{3}$

b)  $76 = \underline{7} \text{ Tens} + \underline{6} \text{ Ones} = \underline{70} + \underline{6}$

c)  $99 = \underline{9} \text{ Tens} + \underline{9} \text{ Ones} = \underline{90} + \underline{9}$

**VI. Count the following in tens:**



10 + 10 + 4 = 24

\* There are 2 boxes of 10 stars each.

\* Total stars = 24

**VII. Who am I?**

a) I am the largest two-digit number, my digits are repeated - 99

b) I am the smallest two-digit number with 5 at the tens place - 50

c) I am the largest two-digit number with 2 at the ones place - 92

## **Numerals : 551 – 600**

|            |  |            |  |            |  |            |  |            |
|------------|--|------------|--|------------|--|------------|--|------------|
| <b>551</b> |  | <b>561</b> |  | <b>571</b> |  | <b>581</b> |  | <b>591</b> |
| <b>552</b> |  | <b>562</b> |  | <b>572</b> |  | <b>582</b> |  | <b>592</b> |
| <b>553</b> |  | <b>563</b> |  | <b>573</b> |  | <b>583</b> |  | <b>593</b> |
| <b>554</b> |  | <b>564</b> |  | <b>574</b> |  | <b>584</b> |  | <b>594</b> |
| <b>555</b> |  | <b>565</b> |  | <b>575</b> |  | <b>585</b> |  | <b>595</b> |
| <b>556</b> |  | <b>566</b> |  | <b>576</b> |  | <b>586</b> |  | <b>596</b> |
| <b>557</b> |  | <b>567</b> |  | <b>577</b> |  | <b>587</b> |  | <b>597</b> |
| <b>558</b> |  | <b>568</b> |  | <b>578</b> |  | <b>588</b> |  | <b>598</b> |
| <b>559</b> |  | <b>569</b> |  | <b>579</b> |  | <b>589</b> |  | <b>599</b> |
| <b>560</b> |  | <b>570</b> |  | <b>580</b> |  | <b>590</b> |  | <b>600</b> |

### **Write number names for the following numerals:**

511 – Five hundred eleven

512 – Five hundred twelve

513 – Five hundred thirteen

514 – Five hundred fourteen

515 – Five hundred fifteen

516 – Five hundred sixteen

517 – Five hundred seventeen

518 – Five hundred eighteen

519 – Five hundred nineteen

520 - Five hundred twenty

### Ch-3: Fun with Numbers


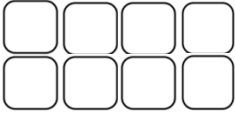
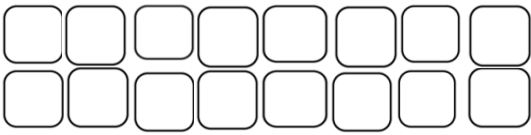



#### I. Patterns in numbers:

- a) 2 , 4 , 6 , 8 , 10, 12  
b) 24 , 27 , 30 , 33 , 36 , 39  
c) 11 , 13 , 15 , 17 , 19

#### II. Fill in the blanks:

- a) 20 comes just before 21.  
b) 44 comes just before 45.  
c) 80 comes after 79.  
d) 90 comes after 89.

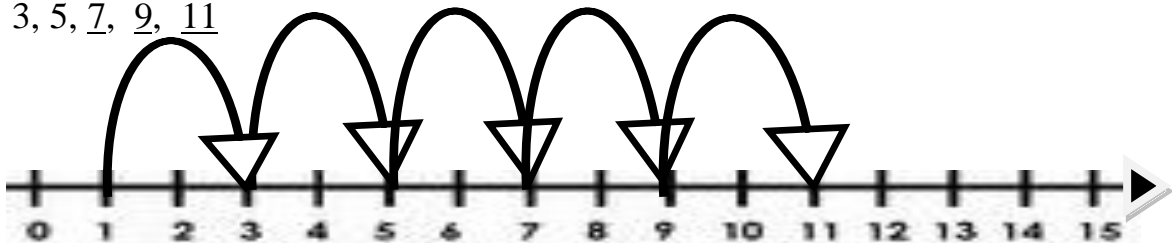
#### III. Complete the patterns:

- a)   
4
-   
8
-   
16
- b)   
1
-   
3
-   
5

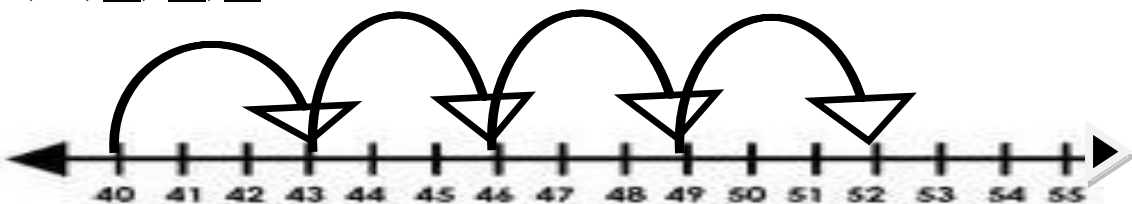
#### IV. Complete the following patterns:

##### a) Jump forward:

- i) 1, 3, 5, 7, 9, 11

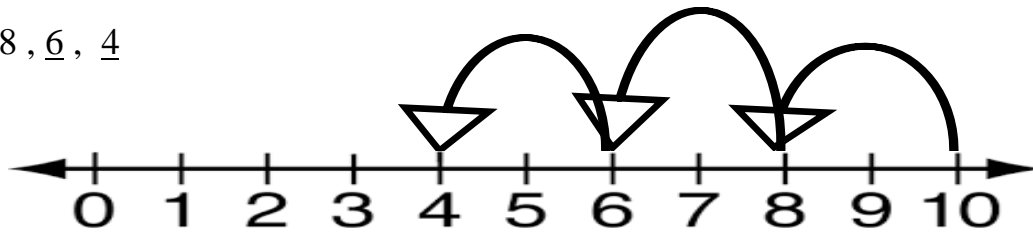


- ii) 40 , 43, 46, 49, 52

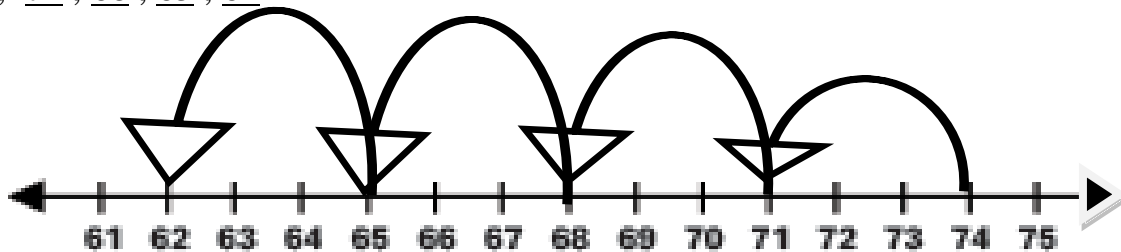


**b) Jump backward:**

i) 10, 8, 6, 4



ii) 74, 71, 68, 65, 62



**Write number names for the following numerals:**

521 – Five hundred twenty one

522 – Five hundred twenty two

523 – Five hundred twenty three

524 – Five hundred twenty four

525 – Five hundred twenty five

526 – Five hundred twenty six

527 – Five hundred twenty seven

528 – Five hundred twenty eight

529 – Five hundred twenty nine

530 – Five hundred thirty

531 - Five hundred thirty one

532 - Five hundred thirty two

533 - Five hundred thirty three

534 - Five hundred thirty four

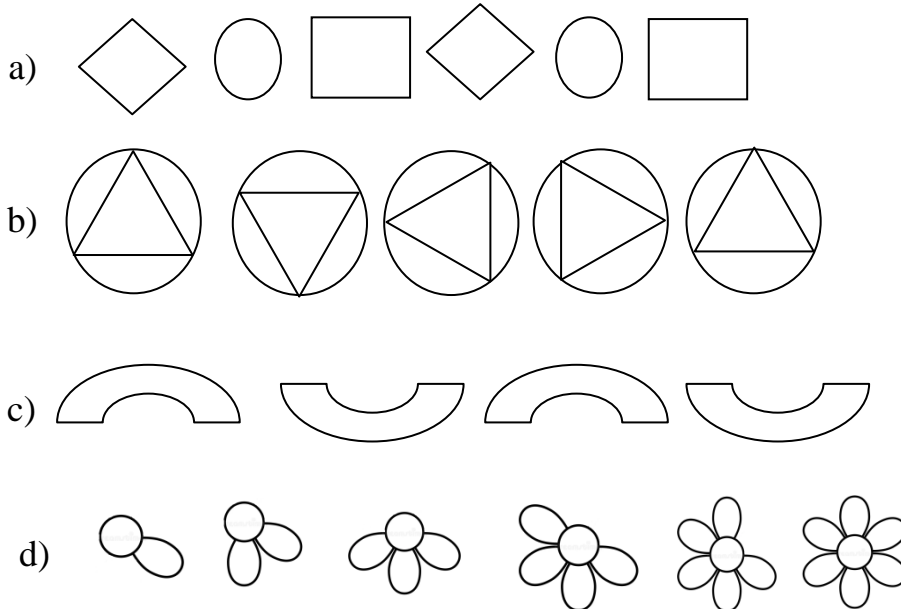
535 - Five hundred thirty five

## Ch-4:Shadow Story

### Patterns

Things that are arranged following a rule or rules.

#### I. Patterns in shapes:



#### II. Pattern in words:

1. RED , BLUE , GREEN , RED , BLUE , GREEN
2. BLACK , BLACK , WHITE , BLACK , BLACK , WHITE

#### III. Patterns:

- a) 1, 3 , 5 , 7 , 9, 11
- b) 14 , 17 , 20 , 23 , 26 , 29
- c) A11 , B22 , C33 , D44 , E55
- d) ABC, DEF, GHI, JKL, MNO
- e) GH,HI, IJ, JK, KL



## **Numerals (601-650)**

|            |  |            |  |            |  |            |  |            |
|------------|--|------------|--|------------|--|------------|--|------------|
| <b>601</b> |  | <b>611</b> |  | <b>621</b> |  | <b>631</b> |  | <b>641</b> |
| <b>602</b> |  | <b>612</b> |  | <b>622</b> |  | <b>632</b> |  | <b>642</b> |
| <b>603</b> |  | <b>613</b> |  | <b>623</b> |  | <b>633</b> |  | <b>643</b> |
| <b>604</b> |  | <b>614</b> |  | <b>624</b> |  | <b>634</b> |  | <b>644</b> |
| <b>605</b> |  | <b>615</b> |  | <b>625</b> |  | <b>635</b> |  | <b>645</b> |
| <b>606</b> |  | <b>616</b> |  | <b>626</b> |  | <b>636</b> |  | <b>646</b> |
| <b>607</b> |  | <b>617</b> |  | <b>627</b> |  | <b>637</b> |  | <b>647</b> |
| <b>608</b> |  | <b>618</b> |  | <b>628</b> |  | <b>638</b> |  | <b>648</b> |
| <b>609</b> |  | <b>619</b> |  | <b>629</b> |  | <b>639</b> |  | <b>649</b> |
| <b>610</b> |  | <b>620</b> |  | <b>630</b> |  | <b>640</b> |  | <b>650</b> |

## **Write number names for the following numerals :**

536 – Five hundred thirty six

537 – Five hundred thirty seven

538 – Five hundred thirty eight

539 – Five hundred thirty nine

540 – Five hundred forty

541 – Five hundred forty one

542 – Five hundred forty two

543 – Five hundred forty three

544 - Five hundred forty four

545– Five hundred forty five

546 – Five hundred forty six

547 – Five hundred forty seven

548 – Five hundred forty eight

549 – Five hundred forty nine

550 – Five hundred fifty

## Ch-2: Shapes Around Us

### A) Basic shapes:

#### Square

A square has 4 sides and 4 corners. All 4 sides are equal.



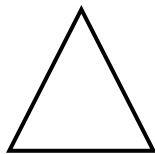
#### Rectangle

A rectangle has 4 sides and 4 corners. The opposite sides of a rectangle are equal in length.



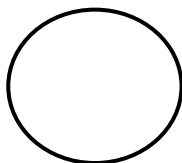
#### Triangle

A triangle has 3 sides and 3 corners. Its sides may or may not be of same length.

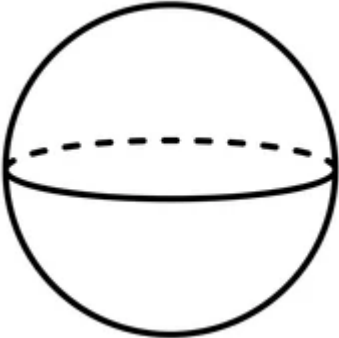
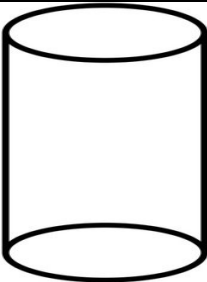
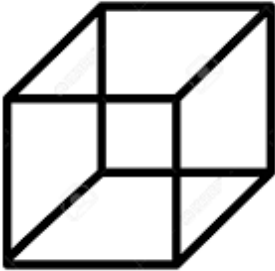
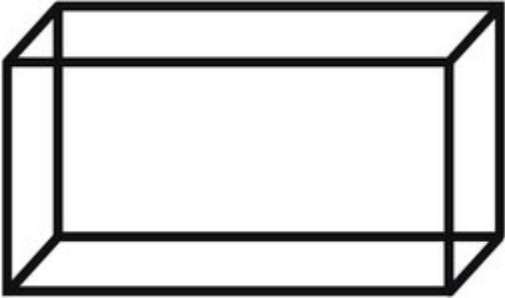
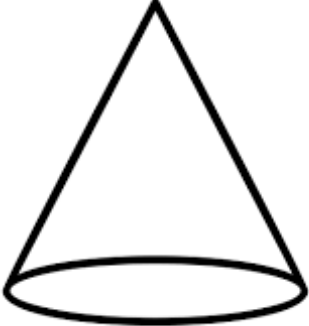


#### Circle

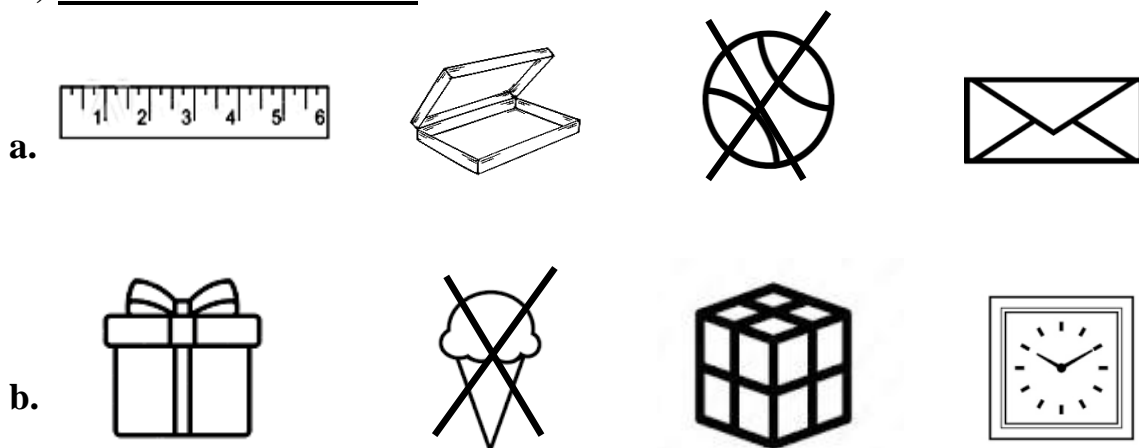
A circle has no sides and no corners.








**B) Solid shapes:**

|   |                 |
|---|-----------------|
|    | <b>Sphere</b>   |
|    | <b>Cylinder</b> |
|   | <b>Cube</b>     |
|  | <b>Cuboid</b>   |
|  | <b>Cone</b>     |

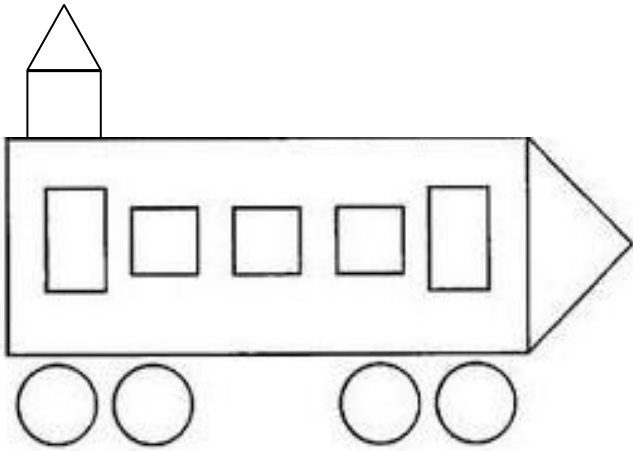
**C) Cross the odd one out:**



**D) Write the faces, edges, corners for the given object:**

| Object  | I look like | Faces | Edges | Corners |
|---|-------------|-------|-------|---------|
| Dice           | Cube        | 6     | 12    | 8       |
| <br>Pencil box | Cuboid      | 6     | 12    | 8       |
| Ball           | Sphere      | 1     | No    | No      |
| Drum           | Cylinder    | 3     | 2     | No      |
| Birthday cone  | Cone        | 2     | 1     | 1       |

E) Count the number of shapes in the given figure:



Number of :

squares – 4

rectangles – 3

circles – 4

triangles - 2

## Ch – 5: Playing with Lines

### Straight lines and curved lines

Squares, Rectangles and Triangles are made of straight lines.

Circles are made of curved line.



Straight line



Curved line

### Standing, sleeping and slanting lines

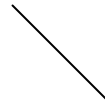
A straight line can be a standing line, sleeping line or a slanting line .



Standing line



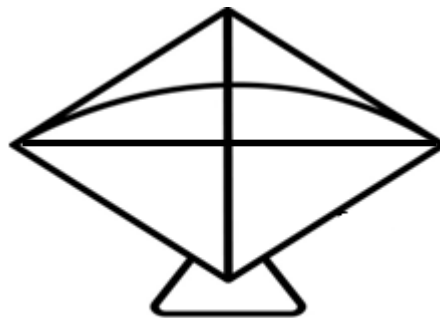
Sleeping line



Slanting line

### Problem:

1. Count the number of sleeping lines, slanting lines and standing lines in the given figure.



Number of sleeping lines - 2

Number of slanting lines - 6

Number of standing line - 1

2. Count the number of sleeping lines ,slanting lines, standing lines and curved lines in the given figure.



Number of sleeping lines - 2

Number of slanting lines - 4

Number of standing lines - 1

Number of curved lines - 4

Number of straight lines - 7

## **Numerals (651-700)**

|            |  |            |  |            |  |            |  |            |
|------------|--|------------|--|------------|--|------------|--|------------|
| <b>651</b> |  | <b>661</b> |  | <b>671</b> |  | <b>681</b> |  | <b>691</b> |
| <b>652</b> |  | <b>662</b> |  | <b>672</b> |  | <b>682</b> |  | <b>692</b> |
| <b>653</b> |  | <b>663</b> |  | <b>673</b> |  | <b>683</b> |  | <b>693</b> |
| <b>654</b> |  | <b>664</b> |  | <b>674</b> |  | <b>684</b> |  | <b>694</b> |
| <b>655</b> |  | <b>665</b> |  | <b>675</b> |  | <b>685</b> |  | <b>695</b> |
| <b>656</b> |  | <b>666</b> |  | <b>676</b> |  | <b>686</b> |  | <b>696</b> |
| <b>657</b> |  | <b>667</b> |  | <b>677</b> |  | <b>687</b> |  | <b>697</b> |
| <b>658</b> |  | <b>668</b> |  | <b>678</b> |  | <b>688</b> |  | <b>698</b> |
| <b>659</b> |  | <b>669</b> |  | <b>679</b> |  | <b>689</b> |  | <b>699</b> |
| <b>660</b> |  | <b>670</b> |  | <b>680</b> |  | <b>690</b> |  | <b>700</b> |

### **Write number names for the following numerals :**

551 – Five hundred fifty one

552- Five hundred fifty two

553-Five hundred fifty three

554 –Five hundred fifty four

555-Five hundred fifty five

556-Five hundred fifty six

557-Five hundred fifty seven

558 –Five hundred fifty eight

559- Five hundred fifty nine

560 –Five hundred sixty

561 –Five hundred sixty one

562 –Five hundred sixty two

563 –Five hundred sixty three

564 –Five hundred sixty four

565 -Five hundred sixty five

566 – Five hundred sixty six

567 – Five hundred sixty seven

568 –Five hundred sixty eight

569 –Five hundred sixty nine

570 –Five hundred seventy



## Ch - 6 :Decoration for Festival

### A) Addition:

- When we put things together we 'add' them.
  - The answer is called the 'sum'

$$\begin{array}{r} 5 \\ + 2 \\ \hline 7 \end{array}$$

Sum  $\longrightarrow$

- When 1 is added to a number, we get the next number as the answer.

Example:  $20 + 1 = 21$

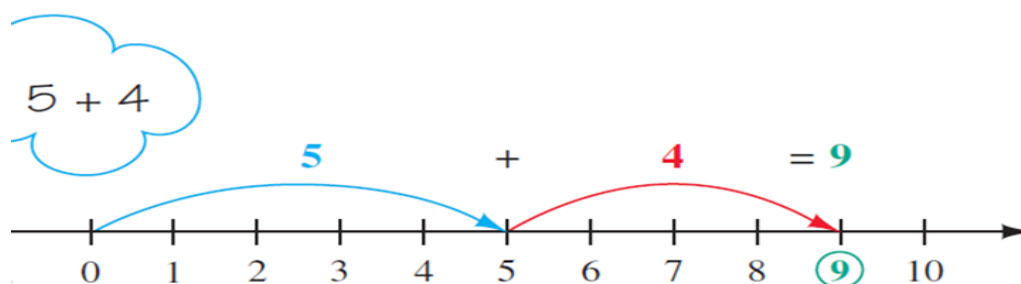
$$1 + 4 = 5$$

- When zero is added to a number, we get the same number as the answer.

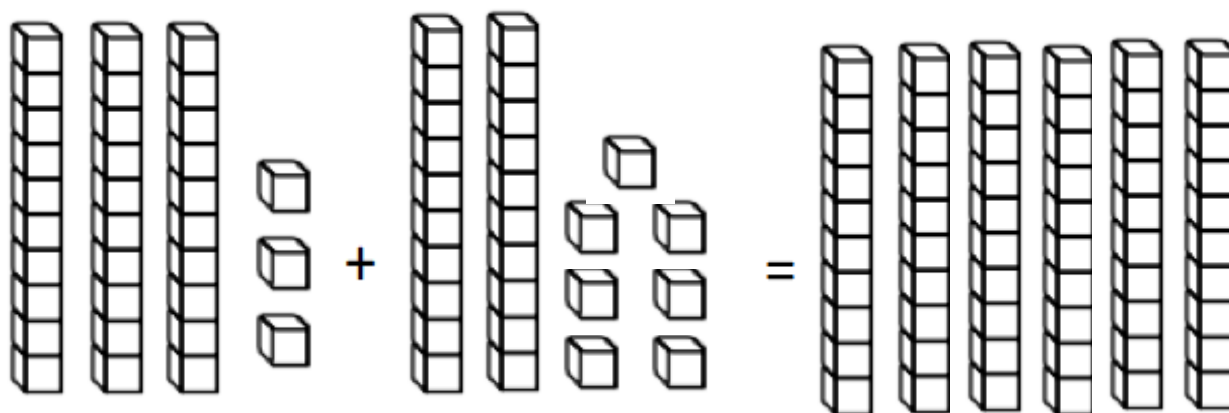
Example :  $23 + 0 = 23$

$$0 + 9 = 9$$

### I. Add with the help of the number line:



### II. Find the total number of blocks:



3 tens 3 ones

and

2 tens 7 ones

=

33 + 27 = 60

### III. Add the following numbers (without regrouping):

a)  $23 + 14$

|   |   |   |
|---|---|---|
|   | T | O |
|   | 2 | 3 |
|   | 1 | 4 |
| + | 3 | 7 |

b)  $65 + 23$

|   |   |   |
|---|---|---|
|   | T | O |
|   | 6 | 5 |
|   | 2 | 3 |
| + | 8 | 8 |

### IV. Add the following numbers (with regrouping):

a)  $53 + 39$

|   |   |   |
|---|---|---|
|   | T | O |
|   | 1 |   |
|   | 5 | 3 |
|   | 3 | 9 |
| + | 9 | 2 |

b)  $23 + 17$

|   |   |   |
|---|---|---|
|   | T | O |
|   | 1 |   |
|   | 2 | 3 |
|   | 1 | 7 |
| + | 4 | 0 |

### V. Word problem :

- a) Ramya collected 54 red marbles and 24 blue marbles. How many total marbles does she have now?

Ans :

Number of red marbles =

Number of blue marbles =

Total marbles =

|   |   |   |
|---|---|---|
|   | T | O |
|   | 5 | 4 |
|   | 2 | 4 |
| + | 7 | 8 |

b) There are 49 men and 38 women in a hall. How many people are there in the hall?

Ans:

Number of men

=

Number of women

=

Total

+

=

| T | O |
|---|---|
| 1 |   |
| 4 | 9 |
| 3 | 8 |
| 8 | 7 |

17

## B. Subtraction:

a) When we subtract, we “take away” or “minus” to find out how much is left.

The answer in subtraction is called “difference”.

### b) **Subtraction of zero:**

When “0” is subtracted from a number, we get the same number as the answer.

Example:  $15 - 0 = 15$

### c) **Subtraction of one:**

When “1” is subtracted from a number, we get the number before it as the answer.

Example:  $55 - 1 = 54$

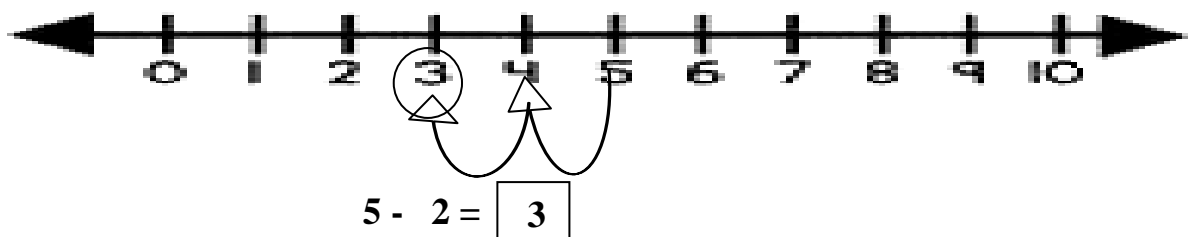
### d) **Subtraction of the same number:**

When we subtract a number by itself, we get zero as the answer.

Example:  $12 - 12 = 0$

## I. Subtraction using number line:

a)  $5 - 2$



## II. Subtract without regrouping:

a) Subtract 4 from 59

|   |   |   |
|---|---|---|
|   | T | O |
|   | 5 | 9 |
| - | ↓ | 4 |
|   | 5 | 5 |

b) Subtract 68 from 99

|   |   |   |
|---|---|---|
|   | T | O |
|   | 9 | 9 |
| - | 6 | 8 |
|   | 3 | 1 |

## III. Subtract with regrouping:

a) Subtract 38 from 46

|   |                |                 |
|---|----------------|-----------------|
|   | T              | O               |
|   | <del>3</del> 4 | <del>6</del> 16 |
| - | 3              | 8               |
|   | 0              | 8               |

b) Subtract 86 from 92

|   |                |                 |
|---|----------------|-----------------|
|   | T              | O               |
|   | <del>8</del> 9 | <del>2</del> 12 |
| - | 8              | 6               |
|   | 0              | 6               |

## IV. Connecting subtraction with addition:

a  $4 + \underline{8} = 12$   
 $12 - 4 = \underline{8}$

b  $7 + \underline{12} = 19$   
 $19 - 7 = \underline{12}$

c  $14 + \underline{6} = 20$   
 $20 - 14 = \underline{6}$

d  $9 + \underline{9} = 18$   
 $18 - 9 = \underline{9}$

## V. Word problem:

1) Banu made 89 dolls. She sold 36 dolls. How many dolls are left?

Ans:

Total number of dolls =

Number of dolls sold =

Number of dolls left =

|   |   |   |
|---|---|---|
|   | T | O |
|   | 8 | 9 |
| - | 3 | 6 |
|   | 5 | 3 |

2) Raja had 53 balloons. 28 balloons got burst. How many balloons are left?

Ans:

Total number of balloons =

Number of balloons burst = -

Number of balloons left =

| <b>T</b>     | <b>O</b>     |
|--------------|--------------|
| 4            | 13           |
| <del>5</del> | <del>3</del> |
| 2            | 8            |
| <b>2</b>     | <b>5</b>     |

### **Numerals (701-750)**

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| <b>701</b> | <b>711</b> | <b>721</b> | <b>731</b> | <b>741</b> |
| <b>702</b> | <b>712</b> | <b>722</b> | <b>732</b> | <b>742</b> |
| <b>703</b> | <b>713</b> | <b>723</b> | <b>733</b> | <b>743</b> |
| <b>704</b> | <b>714</b> | <b>724</b> | <b>734</b> | <b>744</b> |
| <b>705</b> | <b>715</b> | <b>725</b> | <b>735</b> | <b>745</b> |
| <b>706</b> | <b>716</b> | <b>726</b> | <b>736</b> | <b>746</b> |
| <b>707</b> | <b>717</b> | <b>727</b> | <b>737</b> | <b>747</b> |
| <b>708</b> | <b>718</b> | <b>728</b> | <b>738</b> | <b>748</b> |
| <b>709</b> | <b>719</b> | <b>729</b> | <b>739</b> | <b>749</b> |
| <b>710</b> | <b>720</b> | <b>730</b> | <b>740</b> | <b>750</b> |

\*\*\*\*\*

## **TERM-II**

### **Numerals :751 to 800**

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| <b>751</b> | <b>761</b> | <b>771</b> | <b>781</b> | <b>791</b> |
| <b>752</b> | <b>762</b> | <b>772</b> | <b>782</b> | <b>792</b> |
| <b>753</b> | <b>763</b> | <b>773</b> | <b>783</b> | <b>793</b> |
| <b>754</b> | <b>764</b> | <b>774</b> | <b>784</b> | <b>794</b> |
| <b>755</b> | <b>765</b> | <b>775</b> | <b>785</b> | <b>795</b> |
| <b>756</b> | <b>766</b> | <b>776</b> | <b>786</b> | <b>796</b> |
| <b>757</b> | <b>767</b> | <b>777</b> | <b>787</b> | <b>797</b> |
| <b>758</b> | <b>768</b> | <b>778</b> | <b>788</b> | <b>798</b> |
| <b>759</b> | <b>769</b> | <b>779</b> | <b>789</b> | <b>799</b> |
| <b>760</b> | <b>770</b> | <b>780</b> | <b>790</b> | <b>800</b> |

### **Write number names for the following numerals:**

592 – Five hundred ninety two

608 – Six hundred eight

615 – Six hundred fifteen

624 – Six hundred twenty four

637 – Six hundred thirty seven

649 – Six hundred forty nine

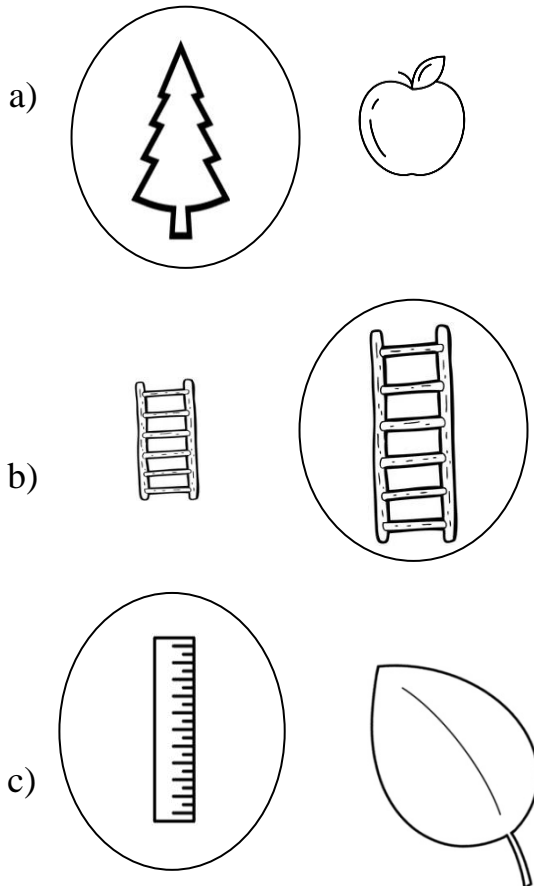
## Ch -7:Rani's Gift

### A) Measurement of length

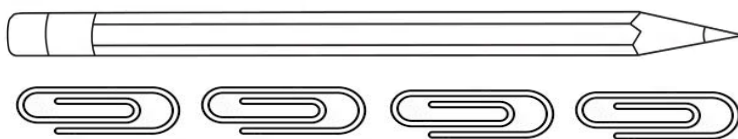
#### Notes:

- \* We use standard units for length called centimetres(cm) and metres(m).
- \* A centimetre(cm) is used to measure shorter length.
- \* A metre(m) is used to measure longer length.
- \*  $100 \text{ cm} = 1 \text{ m}$

#### I. Circle the longest objects:



#### II. Use paper clips to measure the length of the given object:



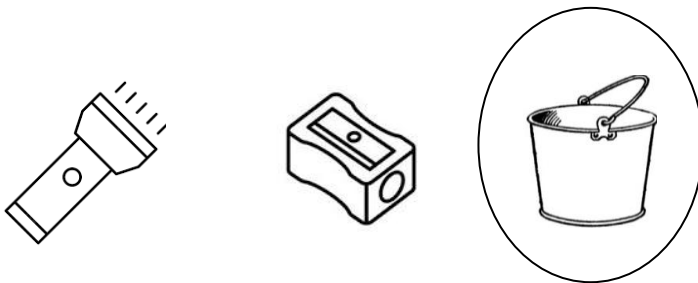
The length of the pencil is about \_ **4** \_ paper clips long.

## B) Measurement of Mass (weight)

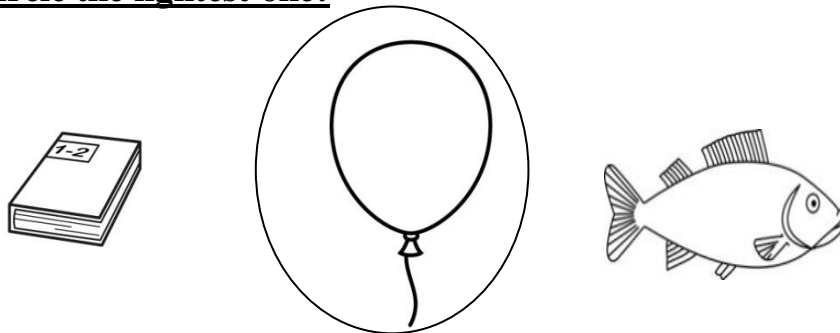
### Notes:

- \* We use grams (g) and kilograms (kg) to weigh things.
- \* A gram (g) is used to weigh light objects.
- \* A kilogram (kg) is used to weigh heavy objects.
- \*  $1000 \text{ g} = 1 \text{ kg}$

### I. Circle the heaviest one:



### II. Circle the lightest one:



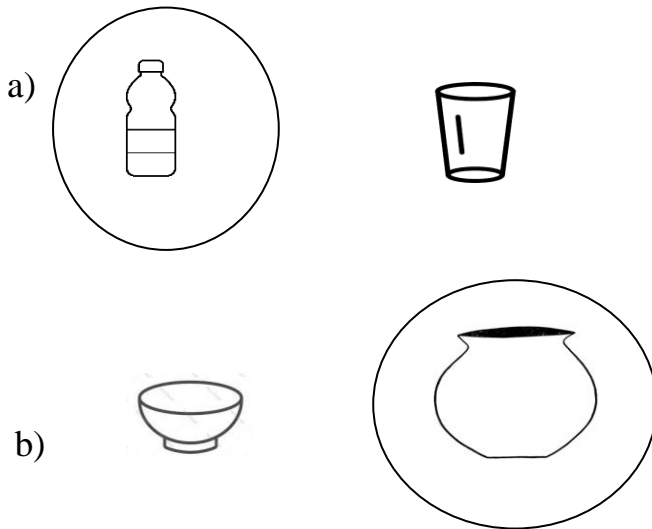
## C) Measurement of capacity

### Notes:

- \* To measure the quantity of liquid we use millilitres (ml) and litres (l).
- \* Millilitre (ml) is used to measure small quantities of liquid.
- \* Litres ( l ) is used to measure larger quantities of liquid.
- \*  $1000 \text{ ml} = 1 \text{ l}$



**I. Circle the vessel which holds more water:**



**II. What would you use to measure these? (ml, l, kg, g, m, cm)**

- a) A glass of milkshake -
- b) A slab of chocolate -
- c) The length of a pipe -
- d) A bottle of water -
- e) A sack of rice -
- f) A pencil -

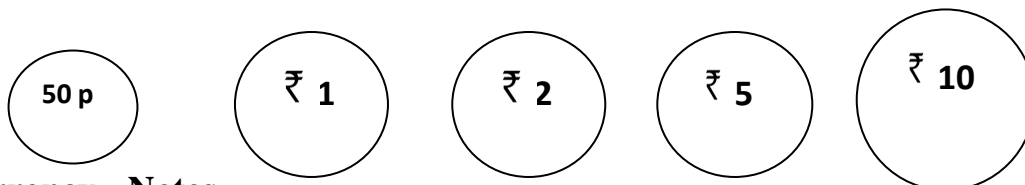
## Ch-10: Fun at the Fair

### I. Notes:

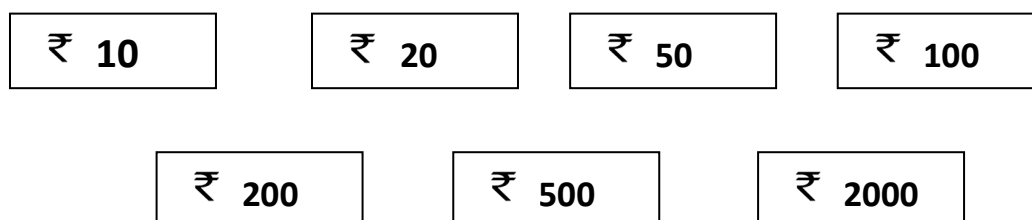
The symbol of Rupees - ₹

100 paise = ₹ 1

### Currency - Coins

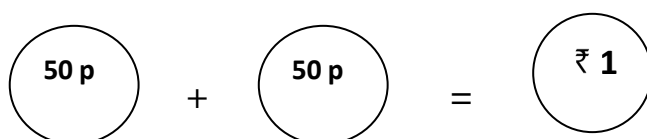


### Currency - Notes

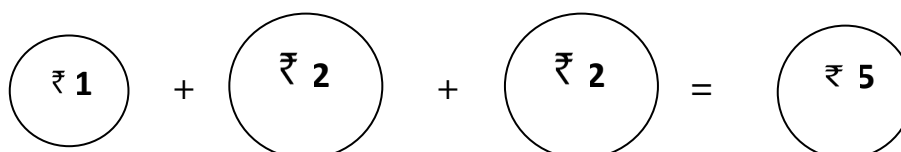


### II. Money Exchange:

a) A one rupee coin can be exchanged with two 50 paise coins.

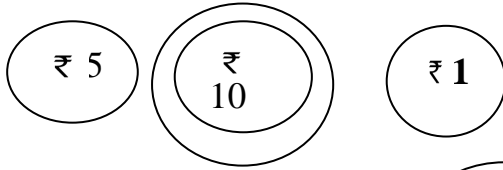


b) A five rupee coin can be exchanged with one ₹ 1 coin and two ₹ 2 coins.

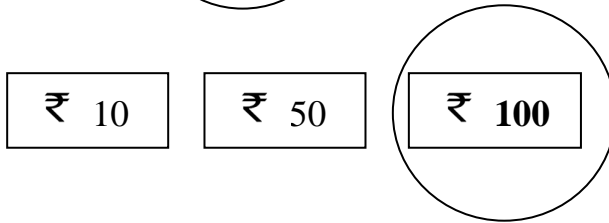


### III. Circle the money with the greatest value.

a)



b)



### IV. Adding money:

a) ₹ 45 + 37

|   |   |   |
|---|---|---|
|   | T | 0 |
|   | 1 |   |
|   | 4 | 5 |
| + | 3 | 7 |
| ₹ | 8 | 2 |

b) ₹ 24 + 30

|   |   |   |
|---|---|---|
|   | T | 0 |
|   | 2 | 4 |
|   | 3 | 0 |
| + | 5 | 4 |
| ₹ |   |   |

### V. Subtracting money:

a) ₹ 54 - 30

|   |   |   |
|---|---|---|
|   | T | 0 |
|   | 5 | 4 |
|   | 3 | 0 |
| - | 2 | 4 |
| ₹ |   |   |

b) ₹ 43 - 29

|   |   |    |
|---|---|----|
|   | T | 0  |
|   | 3 | 13 |
|   | 4 | 3  |
| - | 2 | 9  |
| ₹ | 1 | 4  |

## VI. Word problem :

a) Sunita has ₹ 10. Her mother gave her ₹ 50 as pocket money. How much does she have totally?

Ans:

|                        |   | ₹ | T | O |
|------------------------|---|---|---|---|
| Amount with Sunita     | = |   | 1 | 0 |
| Amount her mother gave | = | + | 5 | 0 |
| Total amount           | = |   | 6 | 0 |

## Numerals :801 to 850

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 801 | 811 | 821 | 831 | 841 |
| 802 | 812 | 822 | 832 | 842 |
| 803 | 813 | 823 | 833 | 843 |
| 804 | 814 | 824 | 834 | 844 |
| 805 | 815 | 825 | 835 | 845 |
| 806 | 816 | 826 | 836 | 846 |
| 807 | 817 | 827 | 837 | 847 |
| 808 | 818 | 828 | 838 | 848 |
| 809 | 819 | 829 | 839 | 849 |
| 810 | 820 | 830 | 840 | 850 |

**Numerals : 851 - 900**

|            |            |            |            |            |
|------------|------------|------------|------------|------------|
| <b>851</b> | <b>861</b> | <b>871</b> | <b>881</b> | <b>891</b> |
| <b>852</b> | <b>862</b> | <b>872</b> | <b>882</b> | <b>892</b> |
| <b>853</b> | <b>863</b> | <b>873</b> | <b>883</b> | <b>893</b> |
| <b>854</b> | <b>864</b> | <b>874</b> | <b>884</b> | <b>894</b> |
| <b>855</b> | <b>865</b> | <b>875</b> | <b>885</b> | <b>895</b> |
| <b>856</b> | <b>866</b> | <b>876</b> | <b>886</b> | <b>896</b> |
| <b>857</b> | <b>867</b> | <b>877</b> | <b>887</b> | <b>897</b> |
| <b>858</b> | <b>868</b> | <b>878</b> | <b>888</b> | <b>898</b> |
| <b>859</b> | <b>869</b> | <b>879</b> | <b>889</b> | <b>899</b> |
| <b>860</b> | <b>870</b> | <b>880</b> | <b>890</b> | <b>900</b> |

**Write number names for the following numerals :**

665 – Six hundred sixty five

678 – Six hundred seventy eight

689 – Six hundred eighty nine

699 – Six hundred ninety nine

700 – Seven hundred

## Ch – 9 : Which Season is it?

### **A) Seasons in a year:**

There are 5 seasons in a year. They are autumn, summer, spring , winter , monsoon.

### **B) Days of the week**

There are seven days in a week.

They are ,

1. Monday
2. Tuesday
3. Wednesday
4. Thursday
5. Friday
6. Saturday
7. Sunday

### **C) Months of the year**

There are 12 months in a year.

They are,

1. January
2. February
3. March
4. April
5. May
6. June
7. July
8. August
9. September
10. October
11. November
12. December

### **I. Fill in the blanks :**

- a) 4 months have 30 days.
- b) February is the shortest month with 28 days.
- c) 7 months have 31 days.
- d) In a leap year, February has 29 days.
- e) The day that comes after Wednesday is Thursday.
- f) The first day of the week is Monday.

**Notes:**

1 day = 24 hours

1 week = 7 days

1 year = 12 months

1 year = 365 days

1 year = 52 weeks

1 leap year = 366 days

1 hour = 60 minutes

**II. Look at the calendar and answer the following:**

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY | SUNDAY |
|--------|---------|-----------|----------|--------|----------|--------|
| 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        |          |        |          |        |

a) On which day did the month begin?

Ans: Monday.

b) Which day is the last day of the month?

Ans: Wednesday.

c) What day is the 13<sup>th</sup> of this month ?

Ans: Saturday

d) When do we celebrate new year?

Ans: 1<sup>st</sup> January

e) How many Sundays are there in January?

Ans: 4 Sundays

## D) Time



### Notes:

\*There are 12 numbers on the face of a clock.

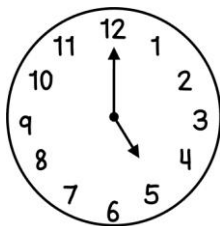
\*There are 2 hands on a clock.

\*The short hand is the hour hand.

\*The long hand is the minute hand.

### I. Write the time in two ways:

a)



5:00

5 o'clock

b)

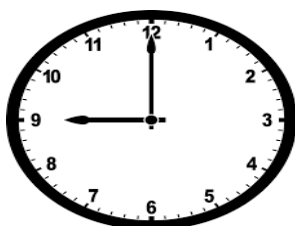


7:30

Half past seven

### II. Read the time and draw the arms of the clock:

a) 9:00



b) 6:30





## CH-11: Data Handling

### **I. Problem:**

Santhosh keeps hens. He has made a list of eggs he gets every day. Study the list and answer the question.

| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
|--------|---------|-----------|----------|--------|----------|--------|
| 15     | 10      | 12        | 10       | 13     | 20       | 9      |

a) On which day did Santhosh get the least eggs?

Ans: Sunday

b) On which day did he get the most eggs?

Ans: Saturday

c) On which days did he get the same number of eggs?

Ans: Tuesday and Thursday

d) How many more eggs did he get on Monday?

Ans: 15

### **II. Complete the pattern:**

|   |   |   |   |   |
|---|---|---|---|---|
| 4 | + | 3 | = | 7 |
|   |   | - |   |   |
|   |   | 2 |   |   |
| 5 | + | 1 | = | 6 |
|   |   | 1 |   |   |

### III. Write the mirror image:

a) 2 - 2

b) 5 - 5

c) B - B

### Numerals: 901 to 950

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 901 | 911 | 921 | 931 | 941 |
| 902 | 912 | 922 | 932 | 942 |
| 903 | 913 | 923 | 933 | 943 |
| 904 | 914 | 924 | 934 | 944 |
| 905 | 915 | 925 | 935 | 945 |
| 906 | 916 | 926 | 936 | 946 |
| 907 | 917 | 927 | 937 | 947 |
| 908 | 918 | 928 | 938 | 948 |
| 909 | 919 | 929 | 939 | 949 |
| 910 | 920 | 930 | 940 | 950 |

### **Numerals: 951 to 1000**

|            |            |            |            |             |
|------------|------------|------------|------------|-------------|
| <b>951</b> | <b>961</b> | <b>971</b> | <b>981</b> | <b>991</b>  |
| <b>952</b> | <b>962</b> | <b>972</b> | <b>982</b> | <b>992</b>  |
| <b>953</b> | <b>963</b> | <b>973</b> | <b>983</b> | <b>993</b>  |
| <b>954</b> | <b>964</b> | <b>974</b> | <b>984</b> | <b>994</b>  |
| <b>955</b> | <b>965</b> | <b>975</b> | <b>985</b> | <b>995</b>  |
| <b>956</b> | <b>966</b> | <b>976</b> | <b>986</b> | <b>996</b>  |
| <b>957</b> | <b>967</b> | <b>977</b> | <b>987</b> | <b>997</b>  |
| <b>958</b> | <b>968</b> | <b>978</b> | <b>988</b> | <b>998</b>  |
| <b>959</b> | <b>969</b> | <b>979</b> | <b>989</b> | <b>999</b>  |
| <b>960</b> | <b>970</b> | <b>980</b> | <b>990</b> | <b>1000</b> |

### **Write number names for the following numerals:**

749 – Seven hundred forty nine

795 – Seven hundred ninety five

855 – Eight hundred fifty five

890 – Eight hundred ninety

900 – Nine hundred

905 – Nine hundred five

915 – Nine hundred fifteen

924 – Nine hundred twenty four

940 – Nine hundred forty

943 – Nine hundred forty three

960 – Nine hundred sixty

968 – Nine hundred sixty eight

972 – Nine hundred seventy two

985 – Nine hundred eighty five

996 – Nine hundred ninety six

999 – Nine hundred ninety nine

1000- One thousand

## Multiplication tables

### 0 – table

$0 \times 0 = 0$   
 $0 \times 1 = 0$   
 $0 \times 2 = 0$   
 $0 \times 3 = 0$   
 $0 \times 4 = 0$   
 $0 \times 5 = 0$   
 $0 \times 6 = 0$   
 $0 \times 7 = 0$   
 $0 \times 8 = 0$   
 $0 \times 9 = 0$   
 $0 \times 10 = 0$   
 $0 \times 11 = 0$   
 $0 \times 12 = 0$

### 1 – table

$1 \times 0 = 0$   
 $1 \times 1 = 1$   
 $1 \times 2 = 2$   
 $1 \times 3 = 3$   
 $1 \times 4 = 4$   
 $1 \times 5 = 5$   
 $1 \times 6 = 6$   
 $1 \times 7 = 7$   
 $1 \times 8 = 8$   
 $1 \times 9 = 9$   
 $1 \times 10 = 10$   
 $1 \times 11 = 11$   
 $1 \times 12 = 12$

### 2 – table

$2 \times 0 = 0$   
 $2 \times 1 = 2$   
 $2 \times 2 = 4$   
 $2 \times 3 = 6$   
 $2 \times 4 = 8$   
 $2 \times 5 = 10$   
 $2 \times 6 = 12$   
 $2 \times 7 = 14$   
 $2 \times 8 = 16$   
 $2 \times 9 = 18$   
 $2 \times 10 = 20$   
 $2 \times 11 = 22$   
 $2 \times 12 = 24$

### 3 – table

$3 \times 0 = 0$   
 $3 \times 1 = 3$   
 $3 \times 2 = 6$   
 $3 \times 3 = 9$   
 $3 \times 4 = 12$   
 $3 \times 5 = 15$   
 $3 \times 6 = 18$   
 $3 \times 7 = 21$   
 $3 \times 8 = 24$   
 $3 \times 9 = 27$   
 $3 \times 10 = 30$   
 $3 \times 11 = 33$   
 $3 \times 12 = 36$

### 4 – table

$4 \times 0 = 0$   
 $4 \times 1 = 4$   
 $4 \times 2 = 8$   
 $4 \times 3 = 12$   
 $4 \times 4 = 16$   
 $4 \times 5 = 20$   
 $4 \times 6 = 24$   
 $4 \times 7 = 28$   
 $4 \times 8 = 32$   
 $4 \times 9 = 36$   
 $4 \times 10 = 40$   
 $4 \times 11 = 44$   
 $4 \times 12 = 48$

### 5 – table

$5 \times 0 = 0$   
 $5 \times 1 = 5$   
 $5 \times 2 = 10$   
 $5 \times 3 = 15$   
 $5 \times 4 = 20$   
 $5 \times 5 = 25$   
 $5 \times 6 = 30$   
 $5 \times 7 = 35$   
 $5 \times 8 = 40$   
 $5 \times 9 = 45$   
 $5 \times 10 = 50$   
 $5 \times 11 = 55$   
 $5 \times 12 = 60$

### 6 – table

$6 \times 0 = 0$   
 $6 \times 1 = 6$   
 $6 \times 2 = 12$   
 $6 \times 3 = 18$   
 $6 \times 4 = 24$   
 $6 \times 5 = 30$   
 $6 \times 6 = 36$   
 $6 \times 7 = 42$   
 $6 \times 8 = 48$   
 $6 \times 9 = 54$   
 $6 \times 10 = 60$   
 $6 \times 11 = 66$   
 $6 \times 12 = 72$

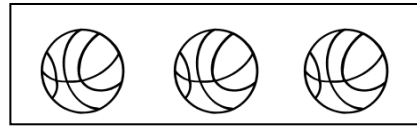
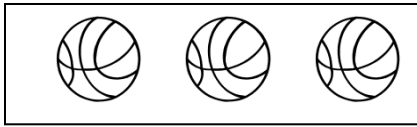
### 10 – table

$10 \times 0 = 0$   
 $10 \times 1 = 10$   
 $10 \times 2 = 20$   
 $10 \times 3 = 30$   
 $10 \times 4 = 40$   
 $10 \times 5 = 50$   
 $10 \times 6 = 60$   
 $10 \times 7 = 70$   
 $10 \times 8 = 80$   
 $10 \times 9 = 90$   
 $10 \times 10 = 100$   
 $10 \times 11 = 110$   
 $10 \times 12 = 120$

## Ch-8: Grouping and Sharing

### A) How many?

1.



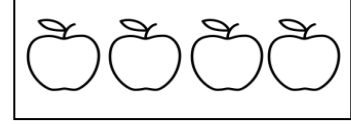
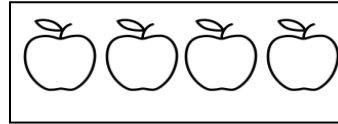
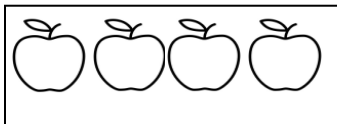
There are 2 groups.

2 groups of 3 balls

$$\underline{2} \times \underline{3} = \underline{6}$$

Total balls = 6

2.



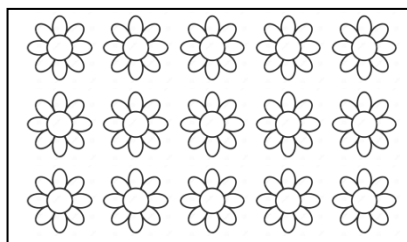
There are 3 groups.

3 groups of 4 apples

$$\underline{3} \times \underline{4} = \underline{12}$$

Total apples = 12

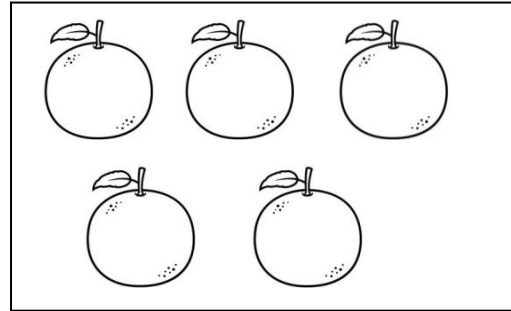
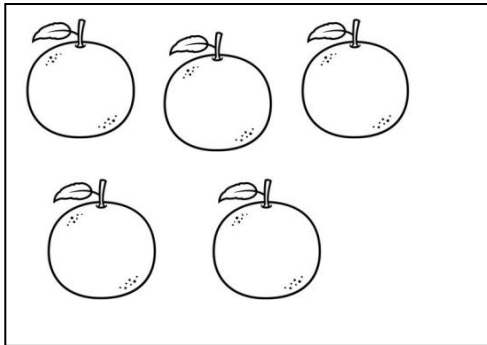
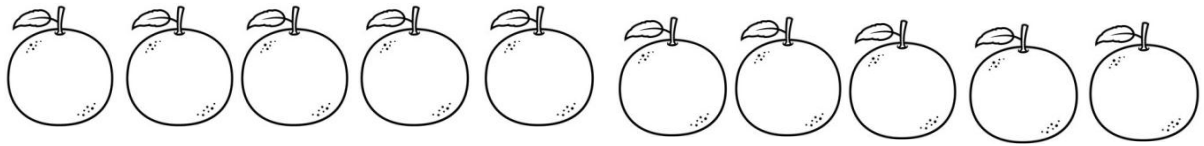
**B) There are 15 flowers. Join 5 flowers to make a garland. How many garlands can we make?**



$$\underline{3} \times \underline{5} = \underline{15}$$

**We can make 3 garlands using 15 flowers**

**C) There are 10 oranges . Put them equally in 2 boxes. How many oranges will be there in each box?**



$$\underline{2} \times \underline{5} = \underline{10}$$

**There are 5 oranges in each box.**

## Multiplication sums

### I. Find the product of the following:

a)

|          |          |          |
|----------|----------|----------|
|          | <b>T</b> | <b>O</b> |
|          |          | <b>3</b> |
| <b>X</b> |          | <b>2</b> |
|          |          | <b>6</b> |

2 – table

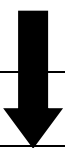
$$2 \times 0 = 0$$

$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$

b)

|          |   |          |
|----------|---|----------|
|          | <b>T</b>  | <b>O</b> |
|          | <b>1</b>  |          |
|          |  | <b>7</b> |
| <b>X</b> |   | <b>2</b> |
|          | <b>1</b>  | <b>4</b> |

2 – table

$$2 \times 0 = 0$$

$$2 \times 1 = 2$$

$$2 \times 2 = 4$$

$$2 \times 3 = 6$$


$$2 \times 4 = 8$$

$$2 \times 5 = 10$$

$$2 \times 6 = 12$$

$$2 \times 7 = 14$$

c)

|          |   |          |
|----------|---|----------|
|          | <b>T</b>  | <b>O</b> |
|          | <b>3</b>  |          |
|          |  | <b>6</b> |
| <b>X</b> |   | <b>5</b> |
|          | <b>3</b>  | <b>0</b> |

5 – table

$$5 \times 0 = 0$$

$$5 \times 1 = 5$$

$$5 \times 2 = 10$$

$$5 \times 3 = 15$$

$$5 \times 4 = 20$$

$$5 \times 5 = 25$$

$$5 \times 6 = 30$$

d)

X

| T | O |
|---|---|
| 2 | 0 |
|   | 3 |
| 6 | 0 |

3 – table

$$3 \times 0 = 0$$

$$3 \times 1 = 3$$

$$3 \times 2 = 6$$

e)

X

| T | O |
|---|---|
| 1 | 2 |
|   | 4 |
| 4 | 8 |

4 – table

$$4 \times 0 = 0$$

$$4 \times 1 = 4$$

$$4 \times 2 = 8$$

\*\*\*\*\*