

# NEW BHARATH MATRIC HR SEC SCHOOL, THIRUVARUR.

Class: III

Subject: Maths

1. Geometry
2. Numbers
3. Patterns
4. Measurements
5. Time
6. Information processing

## 1. Geometry

2D Shapes:

- \* Square
- \* Rectangle
- \* Circle

Properties of Square

- \* A square has four sides.
- \* All the four sides are equal.
- \* Square has four corners
- \* Square has two diagonals
- \* The two diagonals are equal.

Properties of Rectangle

- \* A rectangle has four sides.
- \* opposite sides are equal.
- \* Diagonals are also equal
- \* Rectangle has four corners
- \* Two diagonals.

Properties of Circle

- \* Circle has no sides.
- \* Circle has no corners
- \* Circle has a center point

### Practice:

1. Triangle has **3** corners
2. Four sides of a square are **equal.**
3. Circle has **no** sides
4. Rectangle has **2** diagonals
5. Opposite sides of a rectangle are **equal.**
6. Circle has **a** center point.

**Match it:**

- |              |   |                                     |
|--------------|---|-------------------------------------|
| 1. Triangle  | - | 3 sides                             |
| 2. square    | - | 2D shapes                           |
| 3. rectangle | - | 4 sides / opposite sides are equals |
| 4. circle    | - | no sides                            |

<b>Shapes</b>	<b>Plane surface</b>	<b>curved surface</b>	<b>plane &amp; curved surface</b>
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Cube			
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Cuboid			
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Cylinder			
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sphere			
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Cone			
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**3D Shapes**

- \* Cube
- \*\* Cuboid
- \*\*\* Sphere

**Cube:**

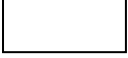

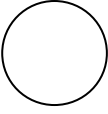

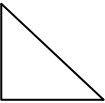
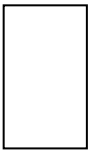
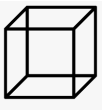
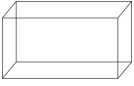

It is a solid shape made of squares  
 6 faces  
 12 edges  
 8 vertices

**Cuboid:**

It is a solid shape made of rectangles  
 6 faces  
 12 edges  
 8 vertices

**Sphere:**

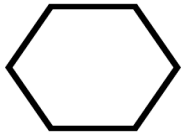
It is a solid shape made of circles  
 1 face  
 no edges  
 no vertices

S. No	Figure	2D/3D	Shape	No. of sides	No. of edges	No. of corners	No. of diagonals
1		2D	Rectangle	4	4	4	2
2		2D	Triangle	3	3	3	-
3		2D	Circle	-	-	-	-
4		2D	Square	4	4	4	2
5		2D	Triangle	3	3	3	-
6		2D	Rectangle	4	4	4	2
7		3D	Cube	6	12	8	16
8		3D	Cuboid	6	12	8	16
9		3D	Sphere	-	-	-	-

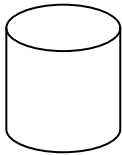
**Additional:**

1. Square has 4 sides
2. Rectangle has 2 diagonals
3. In isosceles triangle 3 sides are equal.
4. Cuboid has 6 faces
5. Cube has 8 vertices
6. Pentagon has 5 sides.

**Match it:**



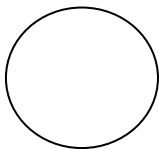
- Hexagon



- Cylinder



- Triangle



- Circle

**Write true or false:**

1. Rectangle has three diagonals - **False**
2. Circle is a closed curve - **True**
3. A geoboard is a mathematical manipulative board - **True**
4. Dice is an example for cuboid - **False**
5. Sphere is a 3D shape - **True**
6. Equilateral triangle all sides are equal - **True**
7. Flower vase is an example for curved surface - **True**
8. Cubes and cuboids have flat surfaces. - **True**
9. Sphere has one edge - **False**
10. Triangle is a 2D shape - **True**

## 2. NUMBERS

Pg No:17

1. Numbers and Number name :

20 Twenty

15 Fifteen

10 Ten

2. Fill in the blanks:

a) 51, 52, 53, 54, 55, 56, 57, 58, 59, 60.

b) 74, 75, 76, 77, 78, 79.

c) 5, 10, 15, 20, 25, 30, 35, 40, 45.

3. Complete the given fact +, -:

a)  $9 + 3 = 12$

d)  $92 - 20 = 72$

b)  $80 + 11 = 91$

e)  $12 - 3 = 9$

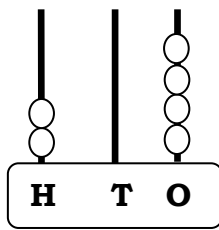
c)  $56 - 21 = 35$

f)  $75 + 17 = 92$

### Ex: 2.1 & 2.2

Activity: 1

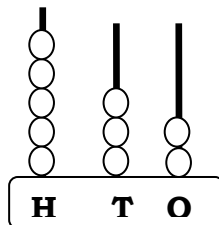
1.



H T O

2 0 4 Two hundred and four

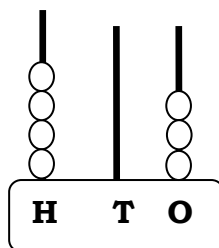
2.



H T O

5 3 2 Five hundred and thirty two

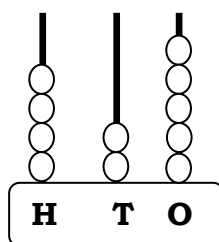
3.



H T O

4 0 3 Four hundred and three

4.



H T O

4 2 5 Four hundred twenty five

**Write the numbers 101 to 200:**

101 102 103 104 105 106 107 108 109 110

111 112 113 114 115 116 117 118 119 120

121 122 123 124 125 126 127 128 129 130

131 132 133 134 135 136 137 138 139 140

141 142 143 144 145 146 147 148 149 150

151 152 153 154 155 156 157 158 159 160

161 162 163 164 165 166 167 168 169 170

171 172 173 174 175 176 177 178 179 180

181 182 183 184 185 186 187 188 189 190

191 192 193 194 195 196 197 198 199 200

**Activity : 2**

**Numerals**

535

107

128

600

905

**Activity: 3**

**Numerals**

150

225

306

535

907

992

**Number Name**

One hundred and fifty

Two hundred and twenty five

Three hundred and six

Five hundred and thirty five

Nine hundred and seven

Nine hundred and ninety two

**Activity: 4**

Form three digit number using each

123, 132, 321, 312, 213, 231

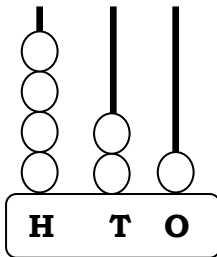
785, 758, 875, 857, 587, 578

**Place value of a numeral in the given number:**

<b>Numeral</b>	<b>Place value</b>	<b>No. name of the underline digit</b>
2 <u>9</u> 6	Tens	Ninety
2 9 <u>6</u>	Ones	Six
<u>2</u> 9 6	Hundreds	Two Hundred
1 <u>9</u> 6	Tens	Ninety
<u>4</u> 1 7	Hundreds	Four Hundred
6 3 <u>8</u>	Ones	Eight
<u>9</u> 4 5	Hundreds	Nine Hundred

**Find the numbers represented in the abacus by writing their place value:**

1.



4 - Hundreds

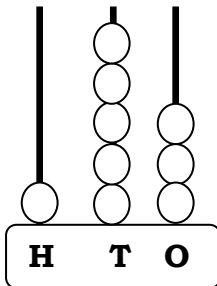
2 - Tens

1 - Ones

$$400+20+1$$

421

2.



1 - Hundred

5 - Tens

3 - Ones

$$100+50+3$$

153

**Expand the given numbers into ones tens and hundreds:**

<b>Numerals</b>	<b>Expanded form</b>
246	$200+40+6$
570	$500+70+0$
637	$600+30+7$
603	$600+0+3$
989	$900+80+9$

**Write the simplified form:**

<b>Expanded Form</b>	<b>Simplified form</b>
$300+90+8$	398
$200+50+6$	256
$900+80+5$	985
$500+50+7$	557

**Complete the count:**

- 250, 255, 260, 265, 270, 275
- 500, 510, 520, 530, 540, 550, 560
- 100, 200, 300, 400, 500, 600

**Activity : 5**

Odd number : 125, 489, 633, 787, 783, 575, 747, 649

Even Number : 256, 964, 842, 288, 546, 450

**Ex: 2.3****Activity: 6**

Circle the even number

8, 69, 70, 84, 99  
 112, 131, 156, 170, 186  
 226, 300, 303, 440, 478  
 542, 570, 575, 600, 610  
 931, 948, 952, 982, 999

Circle the odd number

7, 26, 33, 61, 84  
 105, 116, 125, 142, 151  
 219, 232, 245, 357, 390  
 540, 555, 557, 603, 609  
 918, 919, 935, 953, 998

**Try This:**

$103 < 438$

$250 > 069$

$408 > 308$

$710 = 710$

$614 < 618$

$719 < 917$

**Try This:****1. Arrange in ascending order:**

a) 55, 63, 40, 8 = 8, 40, 55, 63  
 b) 217, 201, 215, 219 = 201, 215, 217, 219  
 c) 50, 405, 109, 600 = 50, 109, 405, 600  
 d) 785, 757, 718, 781 = 718, 757, 781, 785

**2. Arrange in descending order:**

a) 212, 503, 369, 60 = 503, 369, 212, 60  
 b) 51, 100, 810, 167 = 810, 167, 100, 51  
 c) 323, 303, 332, 33 = 332, 323, 303, 33  
 d) 205, 210, 290, 300 = 300, 290, 210, 205

**Ex: 2.4****Practice:****1. Form greatest & Smallest 3 digit number:**

Numbers	G	S
5, 0, 9	950	509
6, 3, 7	763	367
4, 0, 1	410	401
9, 9, 0	990	099



**2. Complete the following:**

111, 222, 333, 444, 555, 666, 777

150, 155, 160, 165, 170, 175, 180

210, 310, 410, 510, 610, 710, 810

333, 433, 533, 633, 733, 833, 933

**3. Find the numbers:**

a) 4 Hundreds, 5 tens, 0 ones = 450

b) 3 Hundreds, 0 tens, 1 one = 301

c) 5 Hundreds, 8 tens, 9 ones = 589

d) 8 Hundreds, 5 ones = 805

**4. Write the number names:**

Numeral	Number Name
156	One hundred and fifty six
340	Three hundred and forty
408	Four hundred and eight
696	Six hundred and ninety six

**5. Write the place value for underline the digits:**

a) 1 9 8                      Hundreds

b) 9 0 8                        Ones

c) 5 4 3                         Tens

**6. Write down odd/even number:**

Odd :      123, 333, 535

Even :     422, 588, 246

**7. Write >, <, =**

105 < 150                              761 > 683

419 < 547                              660 = 660

394 > 387                              983 < 990

**8. Write the numbers in ascending / descending:**

Ascending :      301, 308, 323, 326, 340, 356, 365, 399

Descending :     399, 365, 356, 340, 326, 323, 308, 301

**9.**    G     :      865

      S     :      568

## 2.5 : Addition & Subtraction:

### Addition

$$a) 70 + 35 = 105$$

$$b) 68 + 23 = 91$$

$$c) 51 + 37 = 88$$

$$g) 70 + 35 = 105$$

$$d) 55 + 18 = 73$$

$$e) 56 + 33 = 89$$

$$f) 57 + 33 = 90$$

### Try This:

$$\begin{array}{r} 1. \quad \text{H T O} \\ 441 \\ 326 \\ + \quad 2 \\ \hline 769 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \text{H T O} \\ 562 \\ + 204 \\ \hline 766 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \text{H T O} \\ 815 \\ 153 \\ + \quad 21 \\ \hline 989 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \text{H T O} \\ 452 \\ 34 \\ + \quad 3 \\ \hline 489 \\ \hline \end{array}$$

### Pg No: 34 Try This

$$\begin{array}{r} a) \quad 709 \\ + 261 \\ \hline 970 \\ \hline \end{array}$$

$$\begin{array}{r} b) \quad 339 \\ 202 \\ + 28 \\ \hline 569 \\ \hline \end{array}$$

$$\begin{array}{r} c) \quad 508 \\ 562 \\ + 440 \\ \hline 1510 \\ \hline \end{array}$$

$$\begin{array}{r} d) \quad 921 \\ 20 \\ + 61 \\ \hline 1002 \\ \hline \end{array}$$

$$\begin{array}{r} e) \quad 195 \\ 28 \\ + 6 \\ \hline 229 \\ \hline \end{array}$$

### Subtraction:

$$a) 45 - 35 = 10$$

$$b) 87 - 69 = 18$$

$$c) 49 - 38 = 11$$

$$d) 99 - 55 = 44$$

$$e) 63 - 17 = 46$$

$$f) 70 - 9 = 61$$

**Example:**

$$\begin{array}{r} \text{a) } 544 \\ - 23 \\ \hline 521 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 765 \\ - 401 \\ \hline 364 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 845 \\ - 234 \\ \hline 611 \\ \hline \end{array}$$

**Pg No: 37 Try This:**

$$\begin{array}{r} \text{a) } 540 \\ - 353 \\ \hline 187 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 765 \\ - 438 \\ \hline 327 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 805 \\ - 246 \\ \hline 559 \\ \hline \end{array}$$

**Pg No: 40**

$$\begin{array}{r} 1. \quad \text{The first day saving} \quad = \quad 125 \\ \quad \text{The second day saving} \quad = \quad (+) \underline{200} \\ \quad \text{Total savings} \quad = \quad \underline{325} \end{array}$$

$$\begin{array}{r} 2. \quad \text{His one day income} \quad = \quad 800 \\ \quad \text{Amount spent} \quad = \quad (+) \underline{450} \\ \quad \text{savings amount} \quad = \quad \underline{1250} \end{array}$$

**Pg No: 42:**

Frame questions for the addition and subtraction facts

118+212=?      Abi has 118 apples and 212 oranges. How many fruits does she have in total?

717 - 515 = ?      There are 717 oranges on a tree 515 oranges were plucked from the tree. How many oranges are remaining in the tree?

200+300=?      Abi has 200 bananas and 300 pine apples. How many fruits does she have in total?

150-50=?      Francis has 150 apples, he sold 50 apples. How many fruits does he have in total?

500-355=?      Amutha has Rs.500, she gave Rs.355 to her friend. How much amount does she have?

999-199=?      Suba has 999 pencils, he used 199 pencils. How many pencils does she have?

**Practice:**

**1. Find the sum and difference:**

$$\begin{array}{r} \text{a) } 803 \\ + 237 \\ \hline 1040 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 654 \\ + 209 \\ \hline 863 \\ \hline \end{array}$$

$$\begin{array}{r} \text{c) } 493 \\ + 135 \\ \hline 628 \\ \hline \end{array}$$

$$\begin{array}{r} \text{d) } 981 \\ - 165 \\ \hline 816 \\ \hline \end{array}$$

$$\begin{array}{r} \text{e) } 518 \\ - 139 \\ \hline 379 \\ \hline \end{array}$$

$$\begin{array}{r} \text{f) } 782 \\ - 375 \\ \hline 407 \\ \hline \end{array}$$

**2. Round off the nearest 10:**

a)  $19 = 20$

b)  $25 = 30$

c)  $21 = 20$

d)  $47 = 50$

**3. Estimate the sum:**

$$\begin{array}{r} \text{a) problems} \\ 33 \\ + 35 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{estimate} \\ 30 \\ 40 \\ \hline 70 \\ \hline \end{array}$$

$$\begin{array}{r} \text{actual} \\ 33 \\ + 35 \\ \hline 68 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) problems} \\ 26 \\ + 31 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{estimate} \\ 30 \\ 30 \\ \hline 60 \\ \hline \end{array}$$

$$\begin{array}{r} \text{actual} \\ 26 \\ + 31 \\ \hline 57 \\ \hline \end{array}$$

**4. Estimate the difference:**

$$\begin{array}{r} \text{a) problems} \\ 50 \\ - 41 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} \text{estimate} \\ 50 \\ - 40 \\ \hline 10 \\ \hline \end{array}$$

$$\begin{array}{r} \text{actual} \\ 50 \\ - 41 \\ \hline 9 \\ \hline \end{array}$$

b) problems	estimate	actual
$\begin{array}{r} 28 \\ - 22 \\ \hline \end{array}$	$\begin{array}{r} 30 \\ - 20 \\ \hline \end{array}$	$\begin{array}{r} 28 \\ - 22 \\ \hline \end{array}$
$\begin{array}{r} \phantom{28} \\ \hline \end{array}$	$\begin{array}{r} 10 \\ \hline \end{array}$	$\begin{array}{r} \phantom{28} \\ \hline 6 \\ \hline \end{array}$

### Additional:

- $80 - 10 = 70$
- 999 is the biggest three digit number.
- 100 is the smallest three digit number.
- 10 hundreds = 1 Thousands
- Write the numerals of seven hundred and two. 702
- 9 4 5 = 9 Hundreds
- $800 + 70 + 1 = 871$
- Circle the odd number  
6, 8, 7, 10
- Circle the even number  
9, 11, 5, 10
- $100 + 0 = 100$

### II. Match It:

- $9 + 4 = 13$
- $10 - 5 = 5$
- 108 = One Hundred and Eight
- Seven Hundred = 700
- 99 = Biggest two digit number
- 10 = Smallest two digit number

### III. Write True / False:

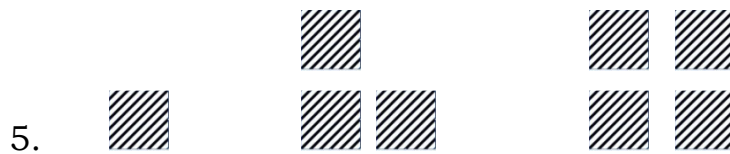
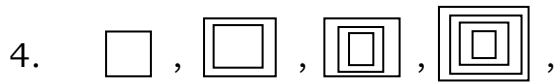
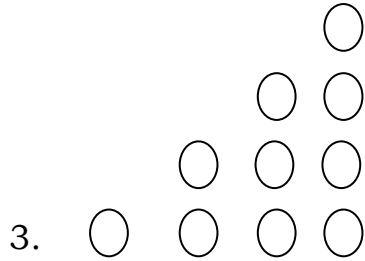
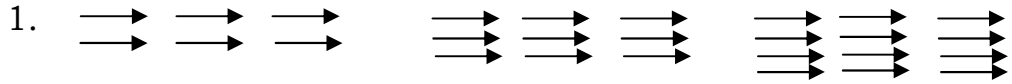
- 2 is the smallest even number = True
- $300 + 90 + 5 = 395$  = True
- $780 = 700 + 80 + 5$  = False
- Numbers ending with 1,3,5,7 and 9 are called odd numbers = True
- 8 is greater than 3. we write  $8 > 3$  = True
- 27 is smaller than 40. We write  $27 < 40$  = True
- $70 + 70 = 140$  = True
- When we write the number from smaller to greater we call it "Ascending order" = True
- 100 is the smallest two digits number = False
- $75 - 17 = 92$  = False

### 3.PATTERNS

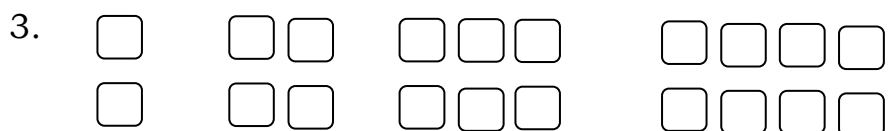
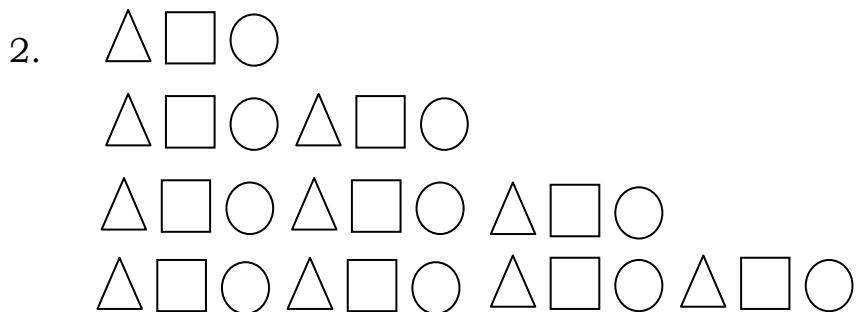
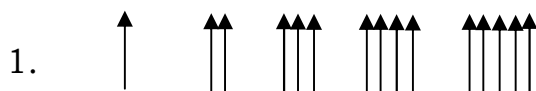
A Pattern is formed when objects, events and numbers are repeated uniformly in a specific way.

#### Practice:

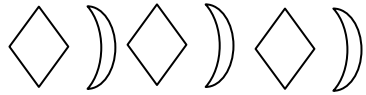
##### a) Continue the growing patterns:



##### b) Continue the growing pattern:

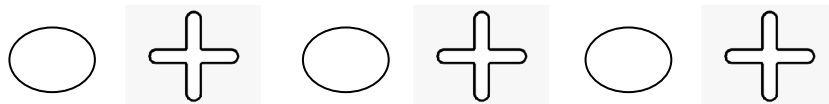
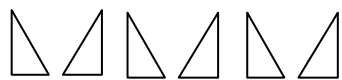
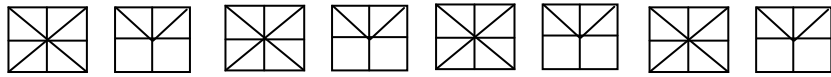


**Practice:**

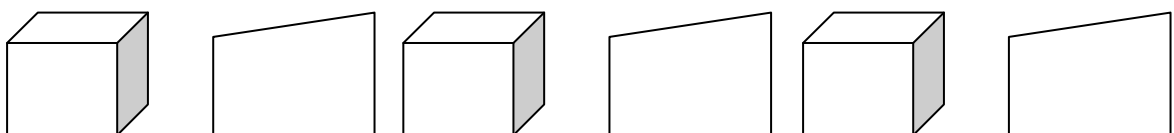
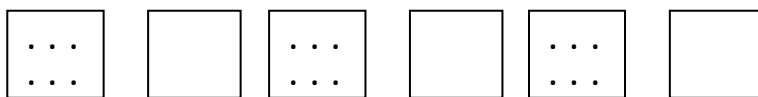
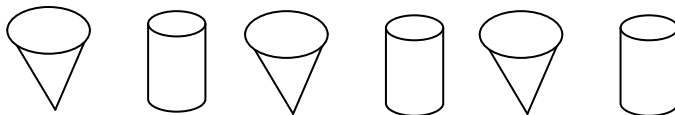


**Act: 4**

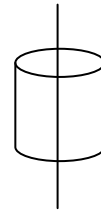
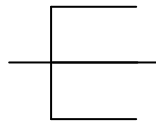
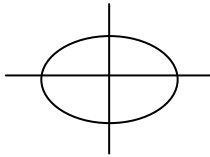
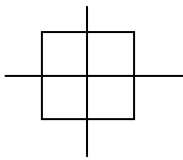
1. Match the following:



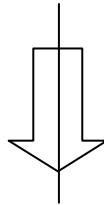
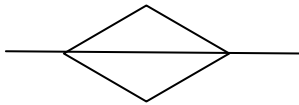
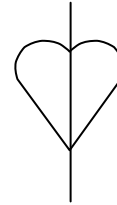
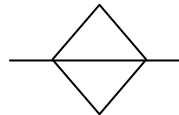
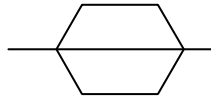
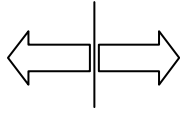
2. Match the following:



**Draw the line of symmetry:**



**Draw the half portion:**



**Additional:**

1. 146, 146, 146

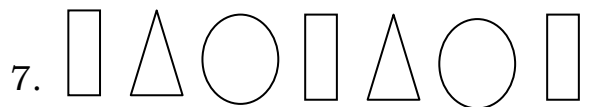
2. HT, HT, MH, HT, HT, MH

3. 8, 8, 8, 10, 10, 10, 12, 12, 12, 14,14,14



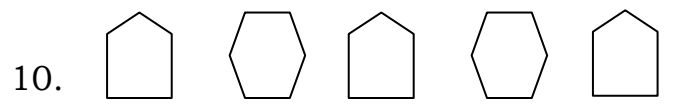
5. 5, 10, 15, 20, 25

6. 10, 20, 30, 40, 50



8. 1,3,5, 1,3,5, 1, 3, 5

9. 1, 1,2, 1, 1,2, 1, 1, 2



11. Pattern is formed objects repeated uniformly.

12. Symmetry means that one shape becomes exactly like another way.



#### **4. MEASUREMENTS**

100 Centimetre = 1 meter

1000 meter = 1 kilo meter

#### **We can write us**

Milli meter = mm

centi meter = cm

meter = m

kilo meter = km

#### **Standard units**

mm

cm

m

km

#### **Non-standard units**

Finger width

Hand span

cubit

pace

foot span

#### **Pg No: 61 Try This**

1. My pencil is 6 cm long
2. This tree is 3 m high
3. My height is 80 cm
4. My hairpin is mm long
5. Height of coconut tree is 15 m
6. Meena = 50 cm, Reena = 110cm.

Whose ribbon is longer? Reena

#### **Practice:**

1. Circle the odd one.

mm, cm, m, cubit

2. Fill ups

1 meter = 100 cm

2 meter = 200 cm

3 meter = 300 cm

4 meter = 400 cm

3. Match it

$$10 \text{ mm} = 1 \text{ centi meter}$$

$$100 \text{ cm} = 1 \text{ m}$$

$$1000 \text{ m} = 1 \text{ km}$$

4. Write all the non standard unit:

1. Finger span

2. Hand span

3. Cubit

4. Pace

5. Foot span

5. Write all the standard unit

1. mm

2. cm

3. m

4. km

5. dm (deci meter)

6. Write in short form

millimeter - mm

centimeter - cm

meter - m

kilometer - km

7. Ascending order : mm, cm, m, km

Descending order : km, m, cm, mm

**Additional:**

1.  $100 \text{ cm} = \underline{1} \text{ m}$

2.  $1000 \text{ m} = \underline{1} \text{ km}$

3.  $200 \text{ cm} = \underline{2} \text{ m}$

4.  $3000 \text{ m} = \underline{3} \text{ km}$

5. Which is long? cm, mm, foot

6. Which is short? cm, mm, inch

7.  $2 \text{ cm} + 1 \text{ cm} = 3 \text{ cm}$

**True / False:**

- 1. We can write centi meter as mm = false
- 2. Kilo meter is the bigger unit of length = True
- 3. Milli meter is the smaller unit of length = True
- 4. Milli meter is a standard units = True
- 5. Kilo meter represented by km = True

**Match it:**

- 1. Meter - m
- 2. 1 km - 1000 m
- 3. Hand span - non-standard unit
- 4. centi meter - cm
- 5. km - bigger unit

**5.TIME**

- Short hand - Hour hand
- Long hand - minute hand
- 12 Hrs + 12 Hrs - 24 Hrs = 1 day
- 1 week - 7 days
- 1 month - 30 days
- 1 year - 12 months
- 1 year - 365 days
- 1 leap year - 366 days
- 1 minutes - 60seconds
- 60 minutes - 1 Hr

**31 days**

January

March

May

July

August

October

December

**30days**

April

June

September

November

**28/29 days**

February

**Practice:**



7'o clock / 7:00



10'o clock / 10:00



3'o Clock / 3:00



5'o clock / 5:00

**2. Draw the hands on the clock:**

5:30



9:00



7:00



10'o Clock



**3. Write the time taken to do the following activities:**

- |   |   |         |
|---|---|---------|
| To draw a circle using a bangle         | - | Seconds |
| Packing school bag                      | - | Minutes |
| Watching a movie in a theatre           | - | Hours   |
| A seed to grow and become a plant       | - | Days    |
| To Travel from Delhi to Mumbai by train | - | Days    |
| To prepare tea                          | - | Minutes |

**Try This:**

In one minute how many times can you

- |                       |   |     |
|-----------------------|---|-----|
| 1. snap your finger   | - | 60  |
| 2. skip a rope        | - | 70  |
| 3. jump up & down     | - | 50  |
| 4. to blink your eyes | - | 120 |

**Act:1**



After 1 hr



After 2 hr



Before 1 hr



Before 2 hr



After 3 hrs



**Act:2**

1. Write the time shown in analog clock by digital representation



7:40



10:30



11:45

2. Draw the hands of these clocks to show time in digital clocks:



8:40



10:20



11:45

3. Match kavya's schedule time:

- a. It is 15 minutes past 8, when kavya starts for her school- 8:15
- b. It is half past 2, when kavya comes out of her school - 2:30
- c. It is 15 minutes to 5, when kavya goes out to play - 4:45
- d. It is 15 minutes to 8, when kavya eats her dinner - 9:30
- e. It is half past 9, when kavya goes to bed - 7:45

**Fill in the blanks:**

- 1. A year has 365 days
- 2. There are 7 days in a week.
- 3. Twelve months are in a year.
- 4. A month has 30 days
- 5. The first month of a year is January
- 6. The first day of a week is Monday

**Practice:**

1. Look at the calendar of 2018 and fill in the boxes.

- 1. Teacher's Day - 5th September
- 2. Independence day - 15th August
- 3. Republic day - 26th January
- 4. Children's day - 14th November

2. Match it.

- Nov 15, 2018 - 15.11.2018
- June 16, 2018 - 16.06.2018
- April 26, 2018 - 26.04.2018
- Dec 16, 2017 - 16.12.2017
- May 26, 2017 - 26.05.2017

3. Look at the above calendar & fill in the blanks:

- 1. No. of days in Oct 2018 is 31 days
- 2. The no. of Sundays 4
- 3. The first Saturday is on 6<sup>th</sup>
- 4. Last day of the month is Wednesday
- 5. The tenth day of this month is Wednesday
- 6. The third Wednesday comes on 17<sup>th</sup>

**Practice:**

1. Write the manufacture date & expiry date of the following items.

S. No	Items	Manufacture month / Date	Expiry month or date
1.	10:00 17/02/19 B080193805B	17/02/19	05
2.	Rs.89.00 11/18; 10/20	11/18	10/20
3.	17342 28/07/12 28/07/17	28/07/12	28/07/17

2. Calculate duration b/w manufacture & expiry date of the products tabulated below:

Sl. No	Name of the food products	Manufacture date	Expiry date	Difference
1	Honey	15/07/2017	18/09/2019	2yrs
2	Cashew nut	29/12/2005	30/02/2008	2yrs
3	Pickle	Feb 2018	Apr 2018	One Month
4	Coffee Powder	Aug 2008	Nov 2008	3 month
5	Badam milk	Feb 2019	March 2019	1 month

**Practice:**

1. Calculate the no. of days in the first 5 months of a leap year 2016, 2020 & the ordinary years 2018 & 2023.

	Leap years 2016 , 2020	Ordinary years 2018, 2023
Jan	31 , 31	31 , 31
Feb	29 , 29	28 , 28
Mar	31 , 31	31 , 31
Apr	30 , 30	30 , 30
May	31 , 31	31 , 31

**Additional:**

- 1 year has 12 months
- 1 week has 7 days
- Circle the correct time. 3'o clock
- 1 year has 365 days
- How many days are in April? 30Days
- Which is the seventh month of the year? July
- Today is Monday what is tomorrow? Tuesday
- Today is Friday what is yesterday? Thursday
- Find the missing letter M A R C H
- There are 24 hours in a day



**Match it**

- |                  |   |                   |
|------------------|---|-------------------|
| 1. Leap year     | - | 366 days          |
| 2. 9:45          | - | 45 minutes past 9 |
| 3. 60 seconds    | - | 1 minutes         |
| 4. 24 hrs        | - | 1 day             |
| 5. Teacher's day | - | Sept 5            |

**True / False**

- |  |   |       |
|--|---|-------|
| 1. Analog clock has hour hand and minute hand                      | - | True  |
| 2. Digital clock shows the time numerically                        | - | True  |
| 3. There are 6 days in a week                                      | - | False |
| 4. Manufacture refers to the date in which the product is produced | - | True  |
| 5. We should not use a product beyond its expiry date              | - | True  |

**6.INFORMATION PROCESSING**

**Practice:**

1. List down all possible ways of forming three digit numbers by using the given digit.

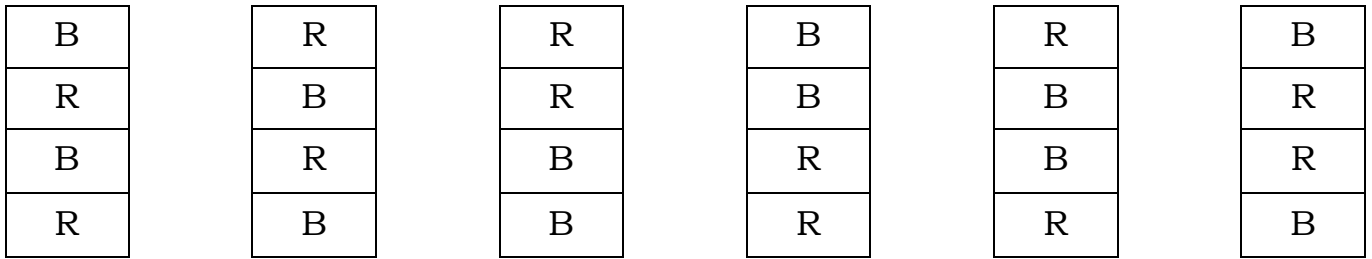
- |          |   |                              |
|----------|---|------------------------------|
| a. 9,6,8 | - | 986, 968, 689, 698, 896, 869 |
| b. 3,2,0 | - | 320, 023, 032, 302, 230, 203 |
| c. 1,5,4 | - | 154, 145, 451, 415, 541, 514 |

2. Find all possible ways: a, e, t  
ate, eat, tea

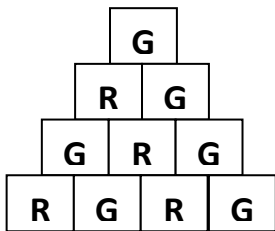


**Act:1**

Find all possible ways colouring blocks blue & red.



**Act:2**



- 1. Total no. of blocks 10
- 2. No. of rose block 4
- 3. No. of green block 6
- 4. No. of Rose block in 2 & 4 row 1&2
- 5. How many G more than R 2

**Example:**

Look at the above words & answer the question

- 1. No. of 4 lettered words are 3
- 2. No. of words with 5 letters are 3
- 3. There are 3, 3 lettered words
- 4. There are 3, 5 lettered words

**Act :3**

List the names of the animals with letters  
Goat, Deer, Lion

**Practice:**

1. Collect the data from 40 of your friends about their favourite food & represent in picture.

	Picture	Total
Idly		10
Dosa		12
Poori		8
Chappathi		10

2. The following picture represents the no of chocolates sold at a shop in a week.

1. The total no. of chocolates sold on Thursday is 40
2. The sale was maximum on 50 Monday
3. The sale was minimum on Saturday
4. Sales were equal on Tuesday and Friday
5. The total no. of chocolates sold in six days 180

**Additional True / False:**

1. Symbols & pictures can be used to represent data. This is known as pictorial representation - True