CHRIST CHURCH SCHOOL
GEOMETRY NOTES

NAME:_____   **ROLL NO_____**

SUBJECT :MATHS(GEOMETRY)   **DATE _____**

STD: 4 A B C D E F G

1) **Point:**

A point shows us definite position.

It has no length,breath and thickness.

It has no shape or size

Points are named by capital.

Example:Point A

Point B

Ponit C and Point D

2) **Line:**

A line does not have a definite length.

Worked by an arrow

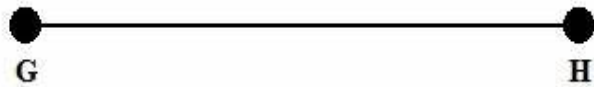Can be extended to any length on both sides.

Example:Line AB

3) **Line segment:**

It has two end points.

It has a fixed length.

It joins the two points.

Example:Line segment GH or another way of writing is $\overline{GH}$
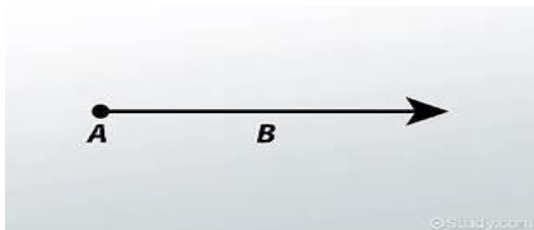
G •————————————————• H

4) **Ray:**

A ray is a part of a line.

It has one end point and one goes endlessly in the other direction.
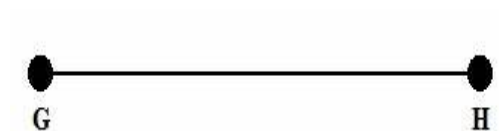
Example:Ray AB OR $\overrightarrow{AB}$

A •——————————→
   A   B

I] **Classify as line,line segment,ray and write the names:**

1)

←——————————————→
A   B

Name-Line AB

2)

G •————————————————• H

Name-Line segment GH

3)

E •——————————→ (through F)

Name-Ray EF

4)   Name-Ray AB

II]   Draw a line segment of:

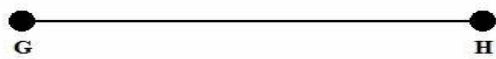**(Use a ruler to measure the centimeters)**

1)   4cm
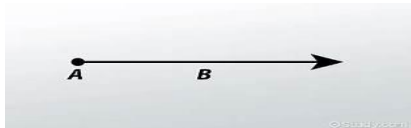

Name-Line segment AB

2)   5.5cm

Name-Line segment GH

III]   Match the following:

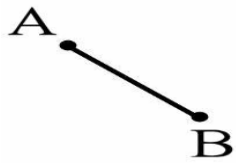1)   a)Line segment

2)   b)Ray

3)   c)Line

4)   d)Point

Ans   1 <u>b</u>, 2 <u>c</u> ,3 <u>d</u> ,4 <u>a</u> .