

VIDYA BHAWAN BALIKA VIDYA PITH

CLASS- 5

DATE – 25 . 02 . 21

SUB – MATHS

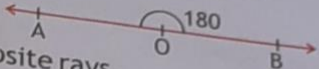
S. T - PRAGYA

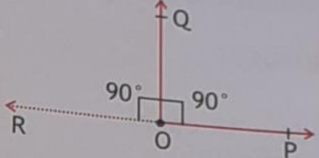
BASED ON N C R T PATTERN:-

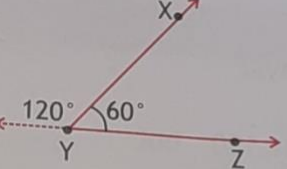
CH- GEOMETRY

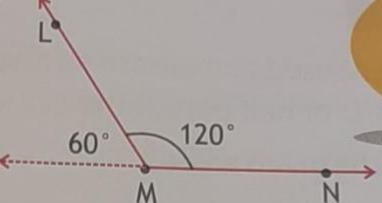
TYPES OF ANGLES

The angles are classified on the basis of degree measures.

- Straight angle**
 - Here OA and OB are two opposite rays.
 - O is the common end point.
 - Its measure is 180° so it is called a straight angle.
 - $\angle AOB$ represents a **straight angle**.

Angle of measure 180° is a straight angle.
- Right Angle**
 - Here OP and OQ are two rays.
 - O is the common end point.
 - Its measure is 90° .
 - It is half of a straight angle.
 - $\angle QOP$ represents a **right angle**.

An angle of measure 90° is a right angle.
- Acute angle**
 - Here XY and YZ are two rays.
 - Y is the common end point.
 - Its measure is less than 90° .
 - It is named as an acute angle.
 - $\angle XYZ$ represents an **acute angle**.


An angle of measure less than 90° is an acute angle.
- Obtuse angle**
 - Here LM and MN are two rays.
 - M is the common vertex.
 - Its measure is more than 90° but less than 180° .
 - It is named as **obtuse angle**.
 - $\angle LMN$ represents an obtuse angle.

An angle of measure more than 90° but less than 180° is called an obtuse angle.

Read about types of ANGLES and write in your note book with figure .

5. Complete angle

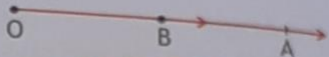
- Here \vec{OA} and \vec{OB} are two rays.
- O is the common end point.
- \vec{OA} is the initial ray.
- Ray OB after taking one complete revolution coincides with ray OA.
- Its degree measure is 360° .
- It is called a complete angle.
- $\angle AOB$ represents a **complete angle**.



An angle of measure 360° is called a complete angle.

6. Zero angle

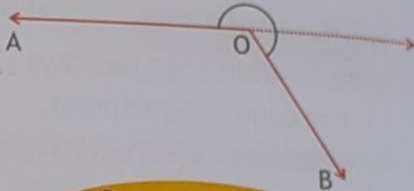
- Here \vec{OA} and \vec{OB} are two rays.
- O is the initial point.
- Rays OA and OB coincide with each other without taking any revolution.
- Its measure is 0° .
- It is called a **zero angle**.



An angle of measure 0° is called a zero angle.

7. Reflex angle

- Here \vec{OA} and \vec{OB} are two rays.
- O is the common vertex.
- Its measure is more than 180° but less than 360° .
- It is named as reflex angle.
- $\angle BOA$ represents a **reflex angle**.



Angle of measure more than 180° but less than 360° is called a reflex angle.
