Circle

Maths-1 Presentation

Subtopics for group members

# **INTRODUCTION**

## Welcome and Intro topic

## Topics outlines

# **DEFINITION AND HISTORY**

## Definition **(Shoiab)**

## History

# **TERMINOLOGIES**

## Center of a Circle **(Jalil)**

## Interior and Exterior of Circle

## Semi-Circle

## Quarter-Circle

# **PARTS OF CIRCLE**

## Radius **(Huzaifa)**

## Diameter

## Circumference

## Chords

## Arcs

## Annulus

## Disc **(Awais)**

## Lens

Sector of Circle

## Tangent Line

## Secant Line

# **FORMULAS AND PROBLEMS**

Area of Circle **(Tauheed)**

Circumference of Circle

Arc Length **(Taimoor)**

Area of Sector

Length of Chord **(Zeshan)**

Area of Segment

# **PROPERTIES OF CIRCLE**

## 7 Properties of circle **(Amar)**

# **CONSTRUCTION OF A CIRCLE**

Construction with given diameter **(Tayab)**

Construction through three non-collinear points

# **IMPORTANCE AND APPLICATIONS OF A CIRCLE**

## Importance **(Mahfooz)**

## Applications