

Sarada Vilas Teachers College
K.M. Puram, Mysore-04

2.3.4 QNM DE

**1. Lesson plan /activity
plan/activity report to
substantiate the use of ICT by
students**

SHARADA VILAS TEACHER'S COLLEGE

ICT LESSON PLAN

Topic: Circle

By B.G Ruchitha

1st year, 4th sem.

Reg no=ED213040

Sharada vilas

teachers college

Mysuru



K. S. Lakshmi
Principal
Sharada Vilas Teachers College,
K.M. Piram, Mysuru - 570 008

B.G. Ruchitha

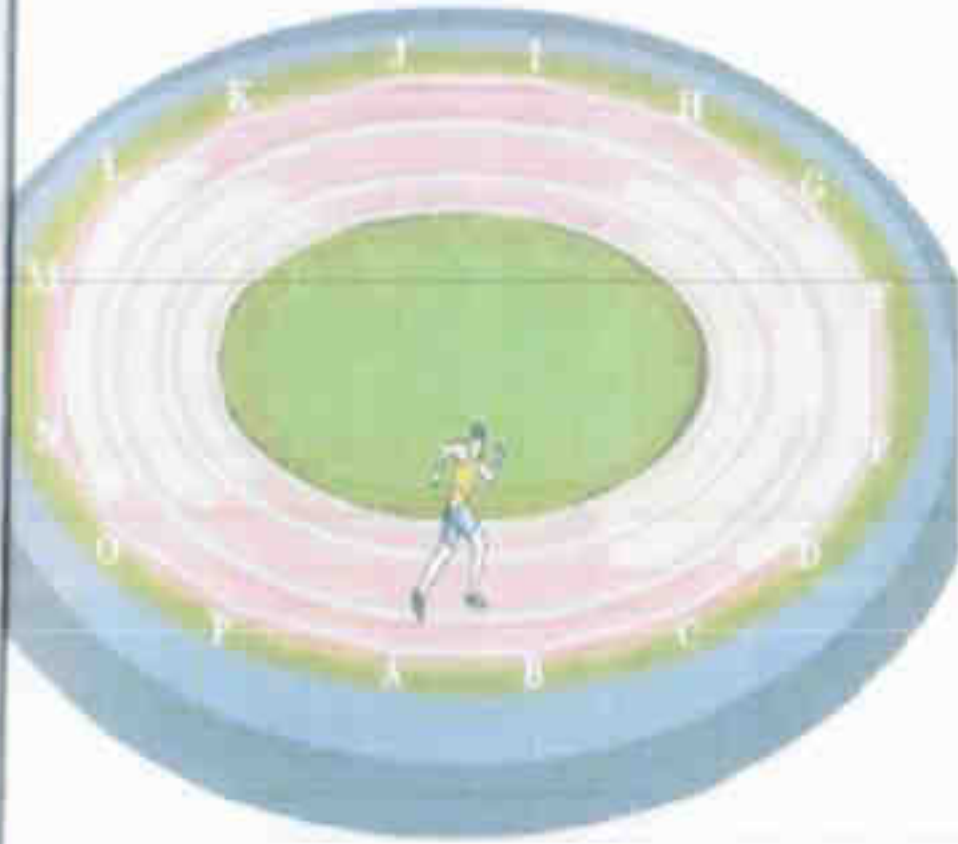
CONTENT

- Circle.
- Parts of circle.
 - i. Radius.
 - ii. Chord.
 - iii. Diameter.
 - iv. Arc.
 - v. Circumference.

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Principal
Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004

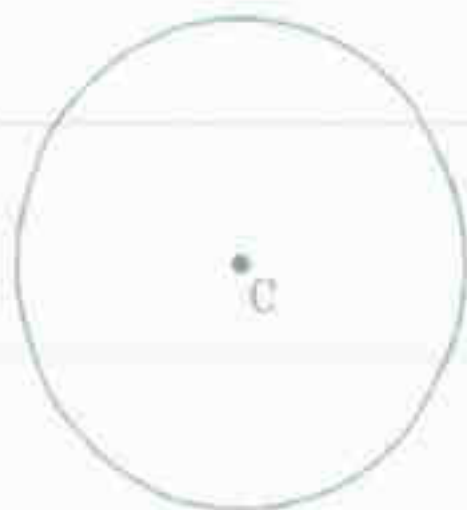


Leelavathi
Principal
Sarada Vilas Teachers College,
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K. Srinivas
Principal
Sarada Vilas Teachers College,
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CIRCLE :-



What is circle ?

A circle is a closed figure which the set of all points the plane is equidistant from a given point.

K. Lakshmi

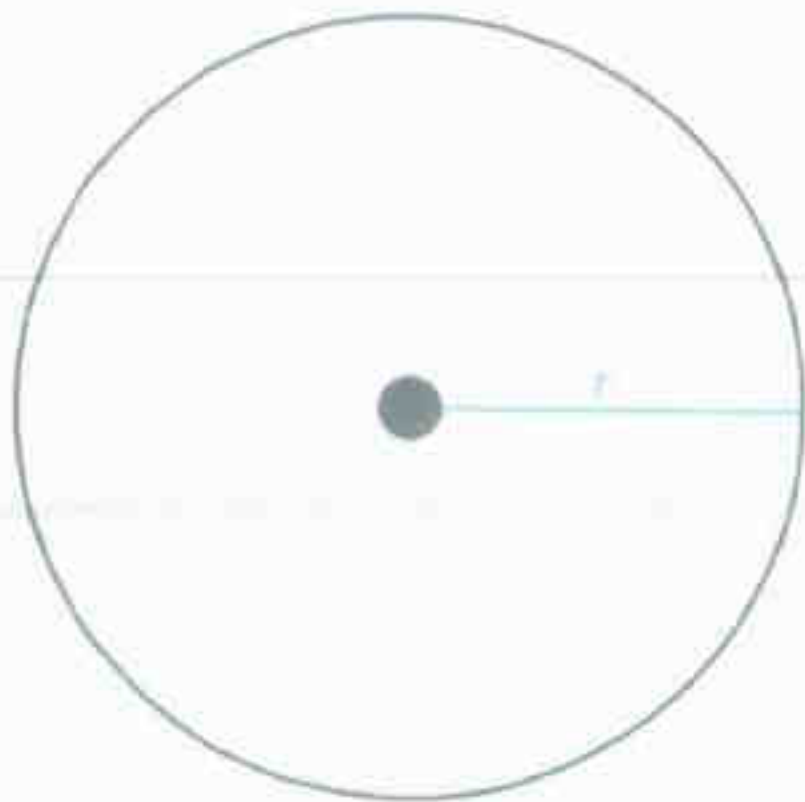
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Parts of circle :-

1. Radius:-

A line segment that joins any point on the circle to its centre is called radius.



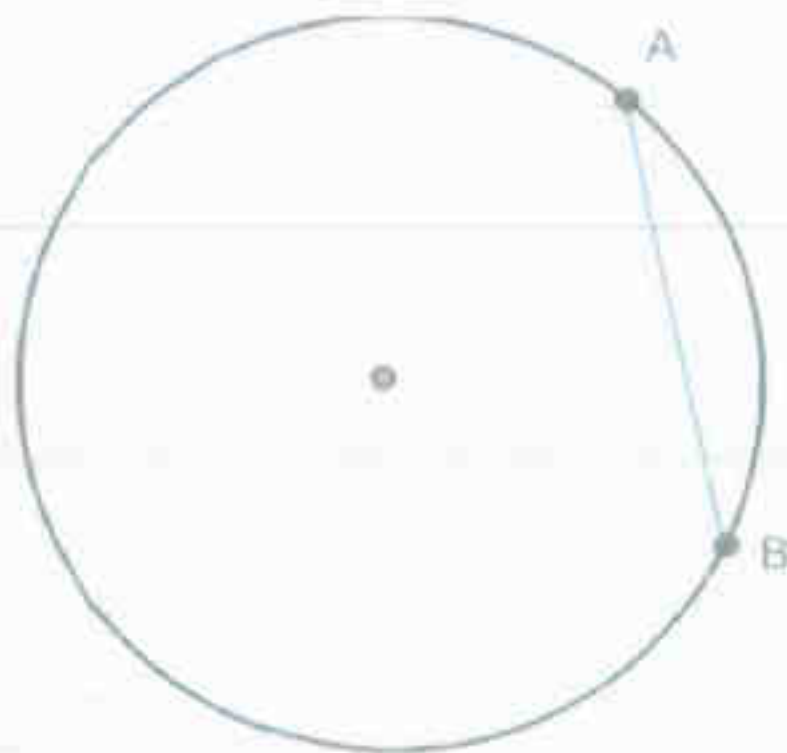
EXAMPLES FOR RADIUS OF CIRCLE:



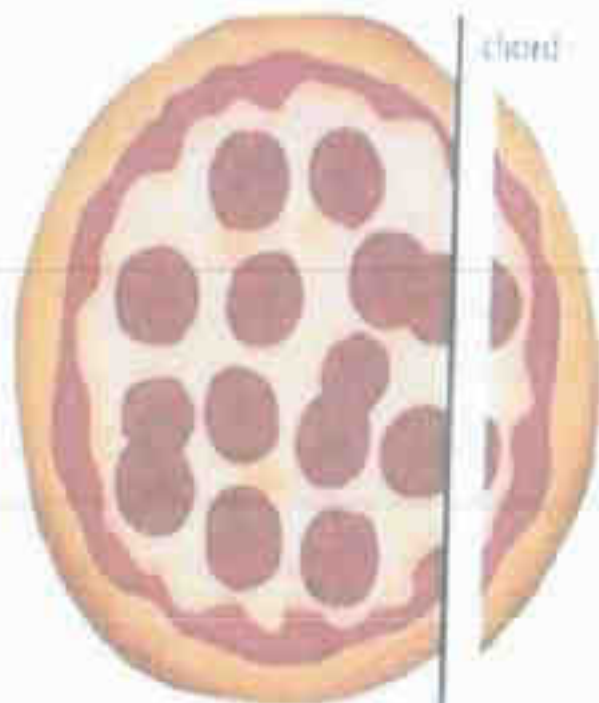
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2. Chord :-

A line segment that joins any two points on the circle is called a chord.



EXAMPLES FOR CHORD OF CIRCLE:



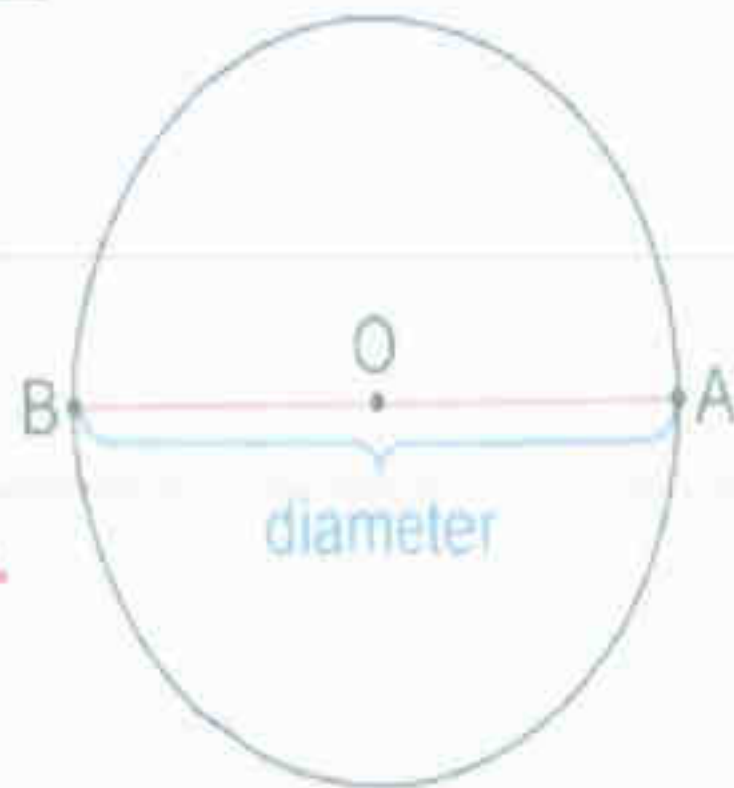
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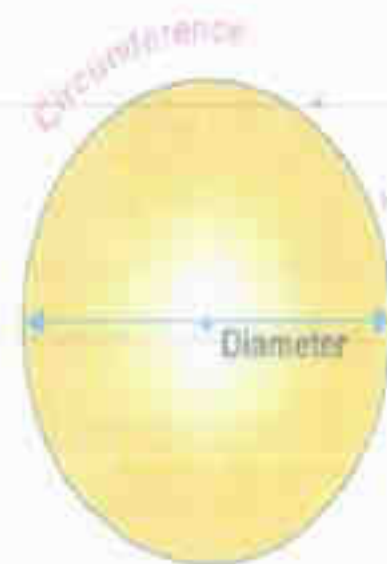
3 . Diameter:-

A line segment that joins any two points on the circle and passes through the centre of circle is called diameter.



4. CIRCUMFERENCE

It is the length of the great circle, that is the distance that surrounds the circle.



EXAMPLES FOR CIRCUMFERENCE OF CIRCLE:



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Principal
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4 . Arc :-

An arc is the distance between any two points on a circumference of a circle.



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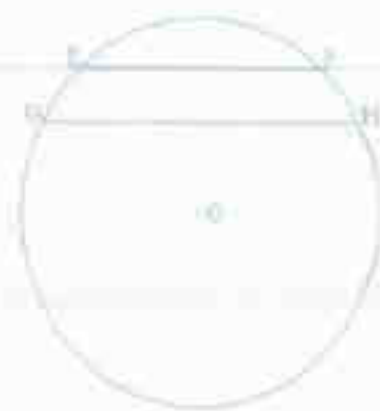
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Principal
Sarada Vihar Teachers College
K.M. Puram, Mysore - 570 004

EXAMPLES FOR ARC OF CIRCLE:



Dr. Lakshmi
Principal
Sarada Vilas Teachers College,
K.M. Puram, Mysore - 570 004

Identify the parts of circle in the figures given below :-



Sarada V
Principal

Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004

Home assignment :-

1. Draw a circle of radius 3cm.
2. Draw a circle of diameter 8cm.

Completed

*Shale
2/1/2024*

Shale 2/1/24
Principal
Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004

SHARADA VILAS TEACHER'S COLLEGE

ICT BASED LESSON

TOPIC: ANGLES

PRESENTED BY :
BINDHU. Y.N
SECOND YEAR B.ED

Sarla K
Principal
Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004



GENERAL OBJECTIVES

- To develop power of thinking and imagination among the students.
- To develop scientific attitude and interest among the students.
- To enable students to understand the concept of mathematics.

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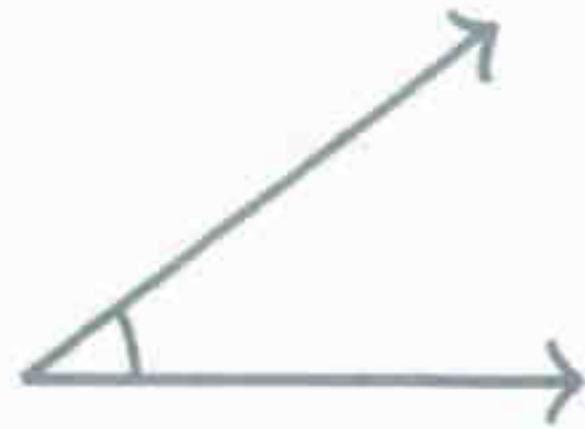
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INSTRUCTIONAL OBJECTIVES

- Pupil will able to
- Remembering : define the meaning of angles
- Understanding: explain the types of angles
- Application: give uses of angles
- Skill: observe the angles in daily life.

Kestika S
Principal
Sarda Vilas Teachers College,
K.M.Puram, Mysore - 570 014



Koushik
Principal
Sarada Vilas Teachers College
K.M. Puram, Mysore - 570 004

ANGLES

Loelal R.S
Principal
Sarala Vyas Teachers College,
K.M.Puram, Mysore - 570 004

ANGLES

TYPES OF ANGLE

1. ACUTE ANGLE
2. RIGHT ANGLE
3. OBTUSE ANGLE
4. STRAIGHT ANGLE
5. REFLEX ANGLE
6. COMPLETE ANGLE

Deekshika
Principal
Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004

DEFINITION

An **angle** is formed when two rays are joined together at a common point.

The common point here is called 'node or vertex' and the two rays are called **arms of the angle**.

The angle is represented by the symbol ' \angle '.
The word angle came from the Latin word "**Angulus**".

The angle is usually measured in degrees, using a protractor.



Aradhya

Principal

Sarada Vivas Teachers College,
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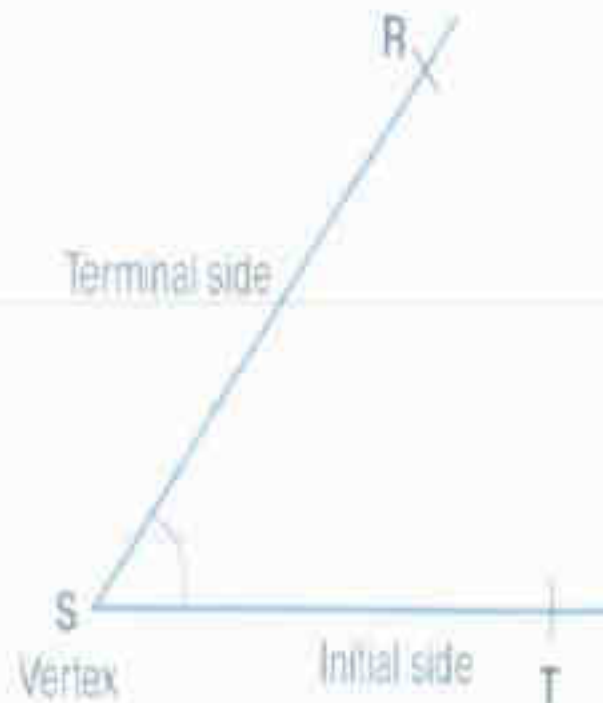
PARTS OF ANGLE

Vertex- The corner points of an angle is known as Vertex. It is the point where two rays meet.

Arms- The two sides of angle, joined at a common endpoint.

Initial Side – It is also known as the reference line. All the measurements are done taking this line as the reference

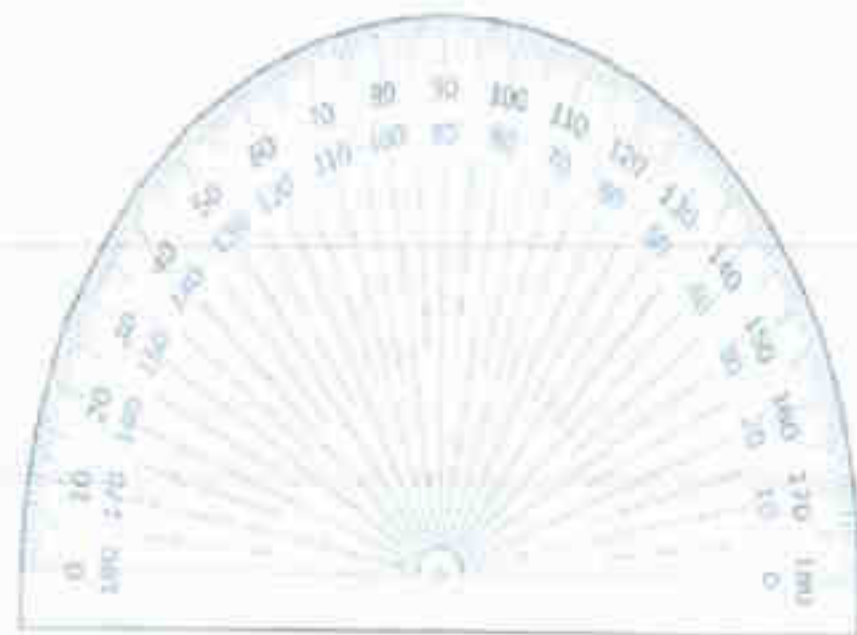
Terminal Side- It is the side (or ray) up to which the angle measurement is done.



Leela K S
Principal
Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004

TYPES OF ANGLES

- 1 Acute angle
- 2 Right angle
- 3 Obtuse angle
- 4 Straight angle
- 5 Reflex angle
- 6 Complete angle



Keele
Principal
Sarada Vilas Teachers College,
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ACUTE ANGLE

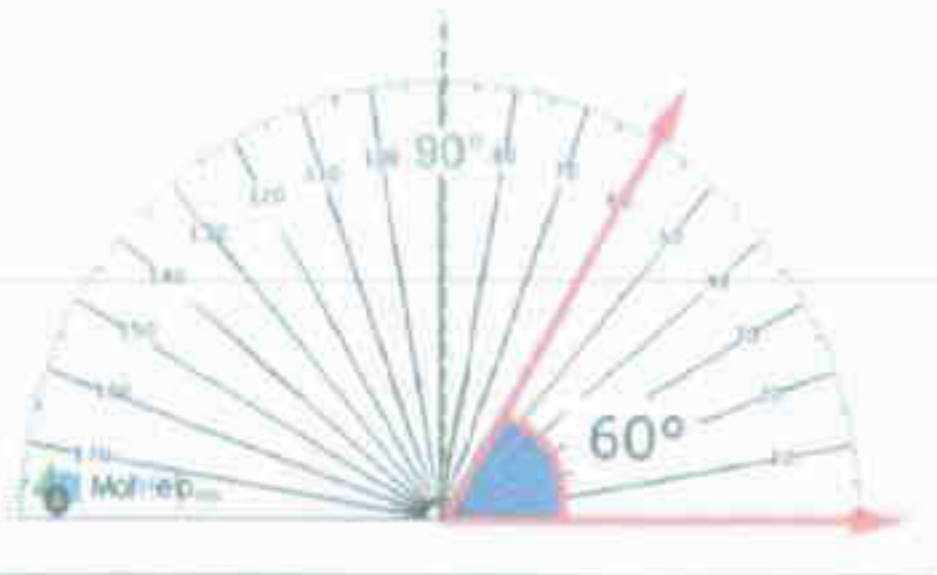
An acute angle is an angle that measures less than 90 degrees

A triangle formed by all angles measuring less than 90° is also known as an **acute triangle**.

For example, in an equilateral triangle, all three angles measure 60°, making it an acute triangle.

Common examples of acute angles include: 15°, 30°, 45°, 60°, etc.

Acute Angle



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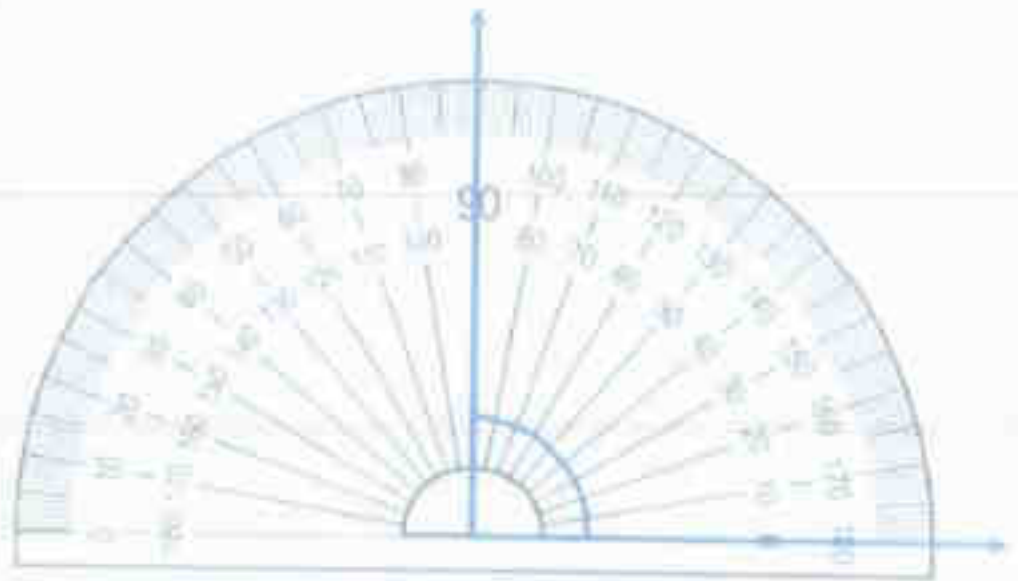


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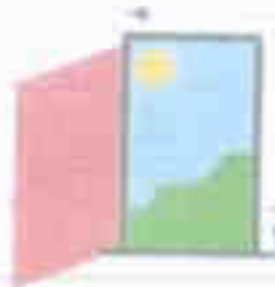
RIGHT ANGLE

A **right angle** is an angle that is exactly equal to 90 degrees (or $\pi/2$) in measure.

If the measure of the angle between two rays is exactly equal to 90 degrees or $\pi/2$, then the angle is called a right angle.



Sarada Vilas
Principal
Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004



Srinivas
Principal
Sri Vidya Teachers College,
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OBTUSE ANGLE

An obtuse angle is a type of angle that is always larger than 90° but less than 180° . In other words, it lies between 90° and 180° .

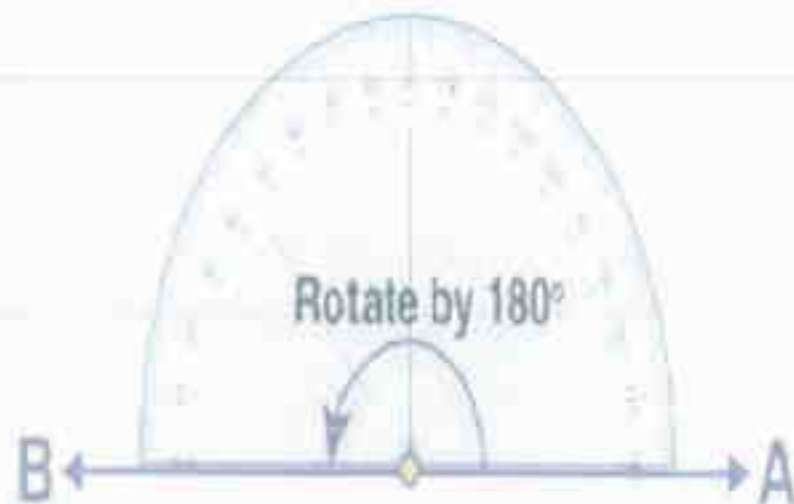
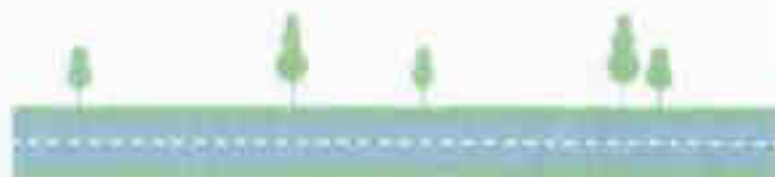
Examples of obtuse angles are: 100° , 120° , 140° , 160° , 170° , etc



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STRAIGHT ANGLE

A straight angle is an angle that always exactly equals to 180° in measure



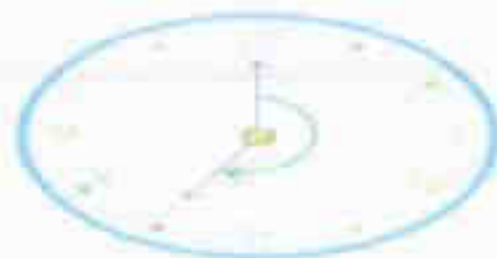
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Principal

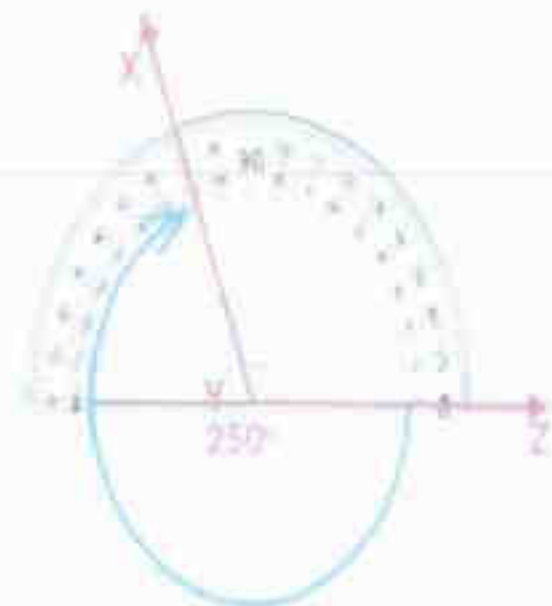
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REFLEX ANGLE

- Reflex angle is the angle in which the angle is greater than 180° and less than 360° .



Reflex Angle



Kesava K S

Principal

Sarda Vilas Teachers College,
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COMPLETE ANGLE

Complete angle is the angle in which angle is exactly equals to 360° .

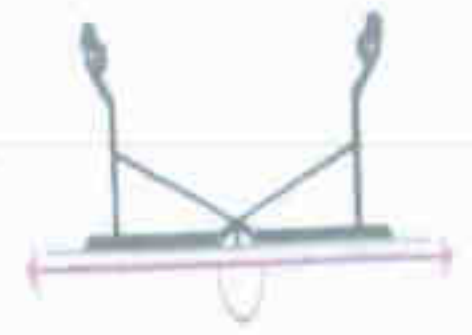


K. S. S. S.
Principal
Sarada Vilas Teachers College,
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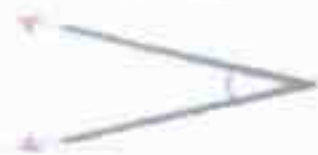
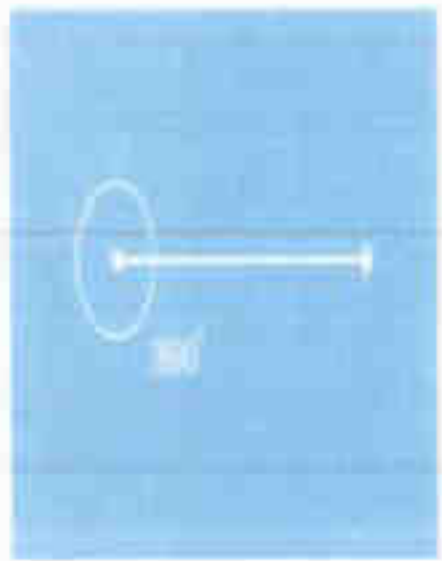
Real life examples



Koeludes
Principal
Sarada Vilas Teachers College
K.M.Puram, Mysore - 575 008



Sarada Vilas
Principal
Sarada Vilas Teachers College
K.M.Puram, Mysore - 570 094



Keela KS
Principal
Sarada Vilas Teachers College
K.M.Puram, Mysore - 570 004

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2.3.4 QNM DE

**3. Photo of ICT use in
Classroom by students**



Sarada Vilas Educational Institutions (R.)
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SARADA VILAS TEACHERS COLLEGE
Sarada Vilas Road, K.M Puram, Mysuru-570004, Karnataka
Permanently Affiliated to University of Mysore, Mysuru, Karnataka State, Grant in Aid College
NAAC Re-Accredited in 2016, "B" Grade, CGPA-2.73/4



Email ID: svtemysore@gmail.com
Website: www.svtemysore.org

Office No: 0821-2332137
Mob No : 7019807294

ICT USE IN CLASSROOM BY STUDENTS



Deela.K.S
Principal
Sarada Vilas Teachers College,
K.M.Puram, Mysore - 570 004