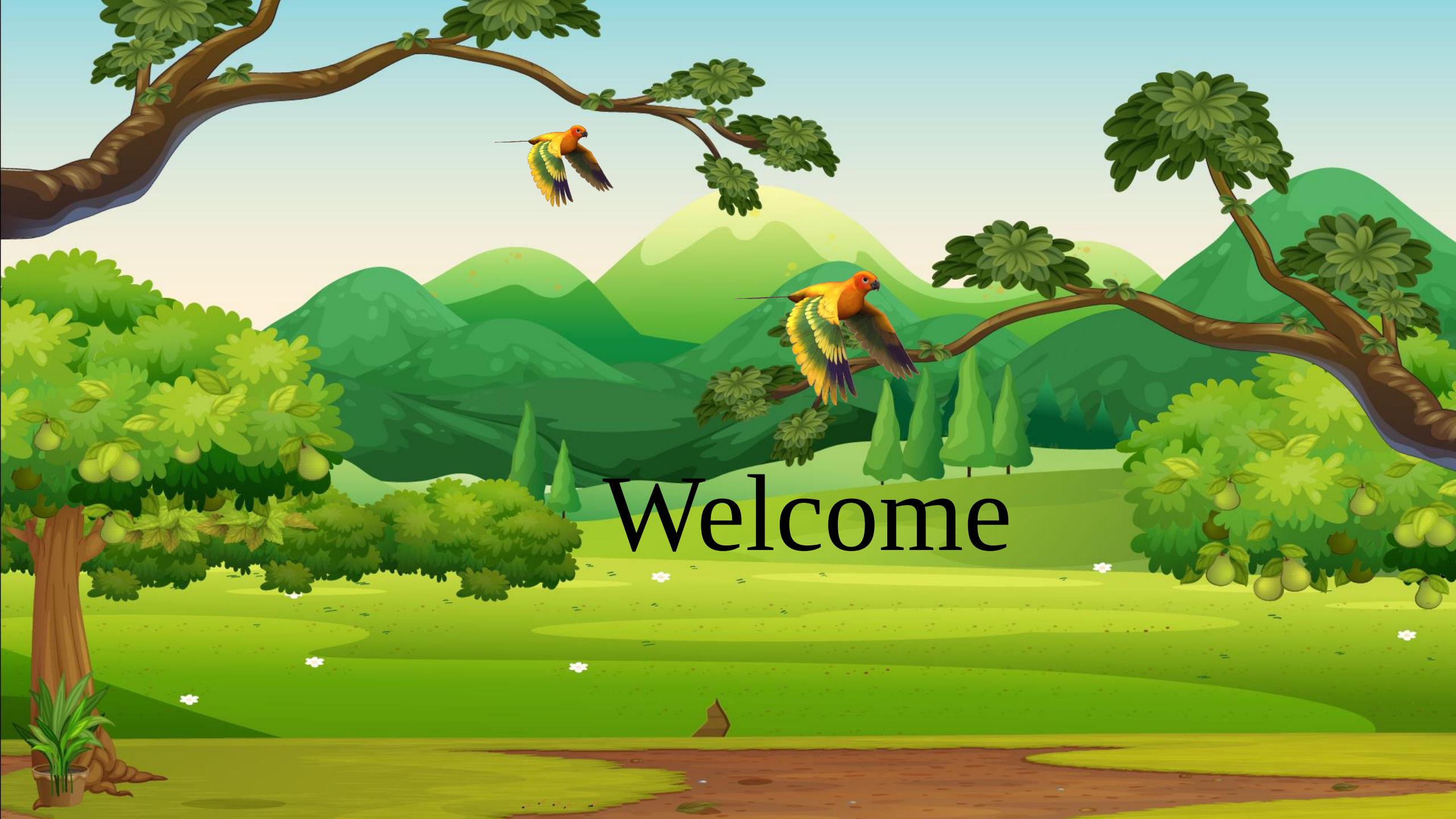

Welcome

Introduction

Subject : Mathematics

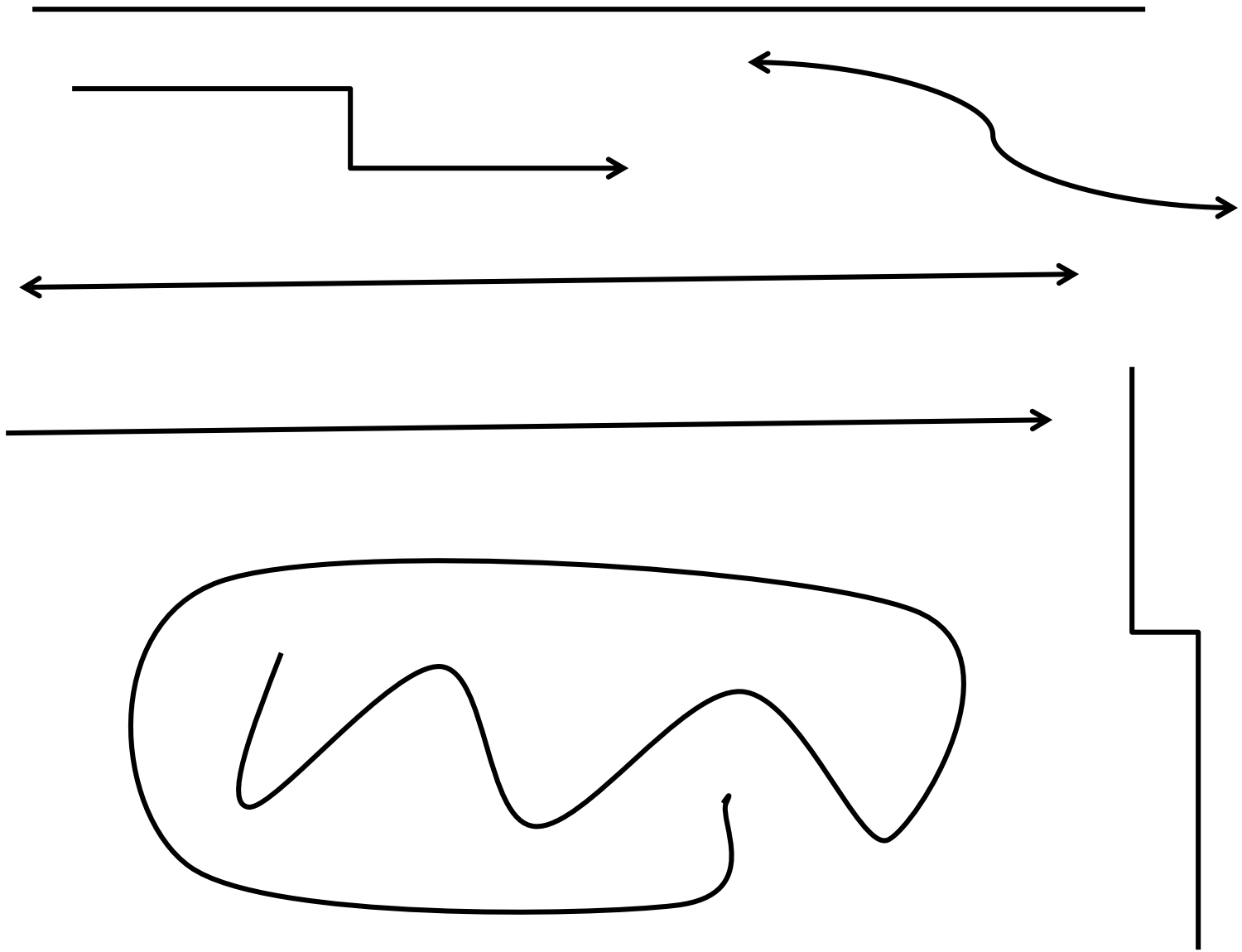
Topic : Basic Geometry

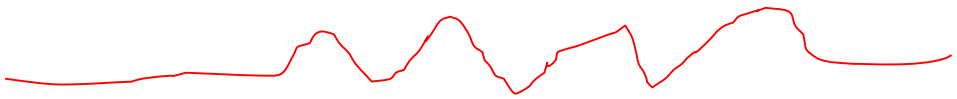
Chumki Sinha
Cam ID : 111003028

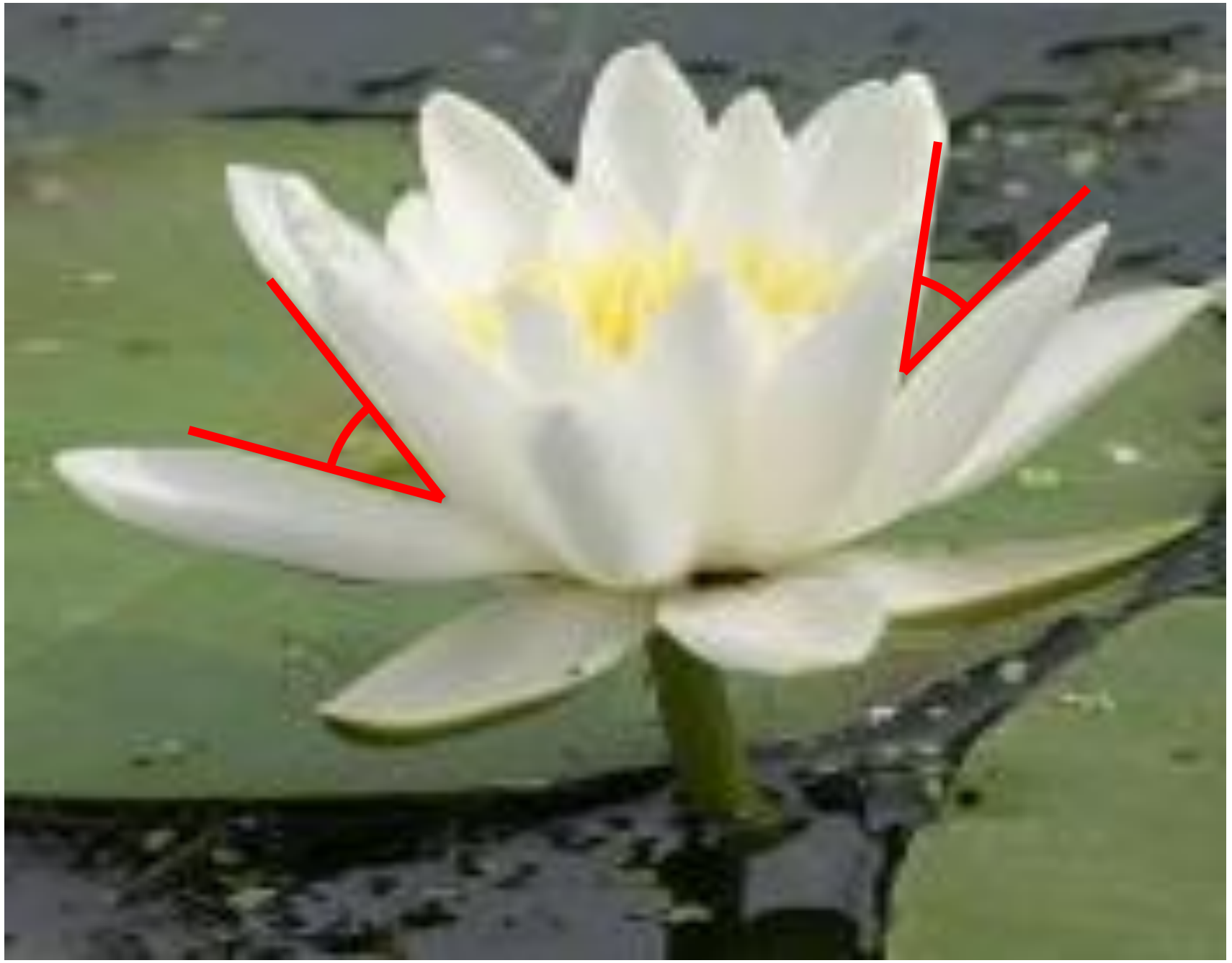
Maths Teacher
DIS, Uttara, Dhaka

Today's Lesson

Dear Learners,
Let me give you some cues
to find out our today's topic.







Today's Lesson

10.1: Points, Lines and Planes
10.2: Angle, types of angles

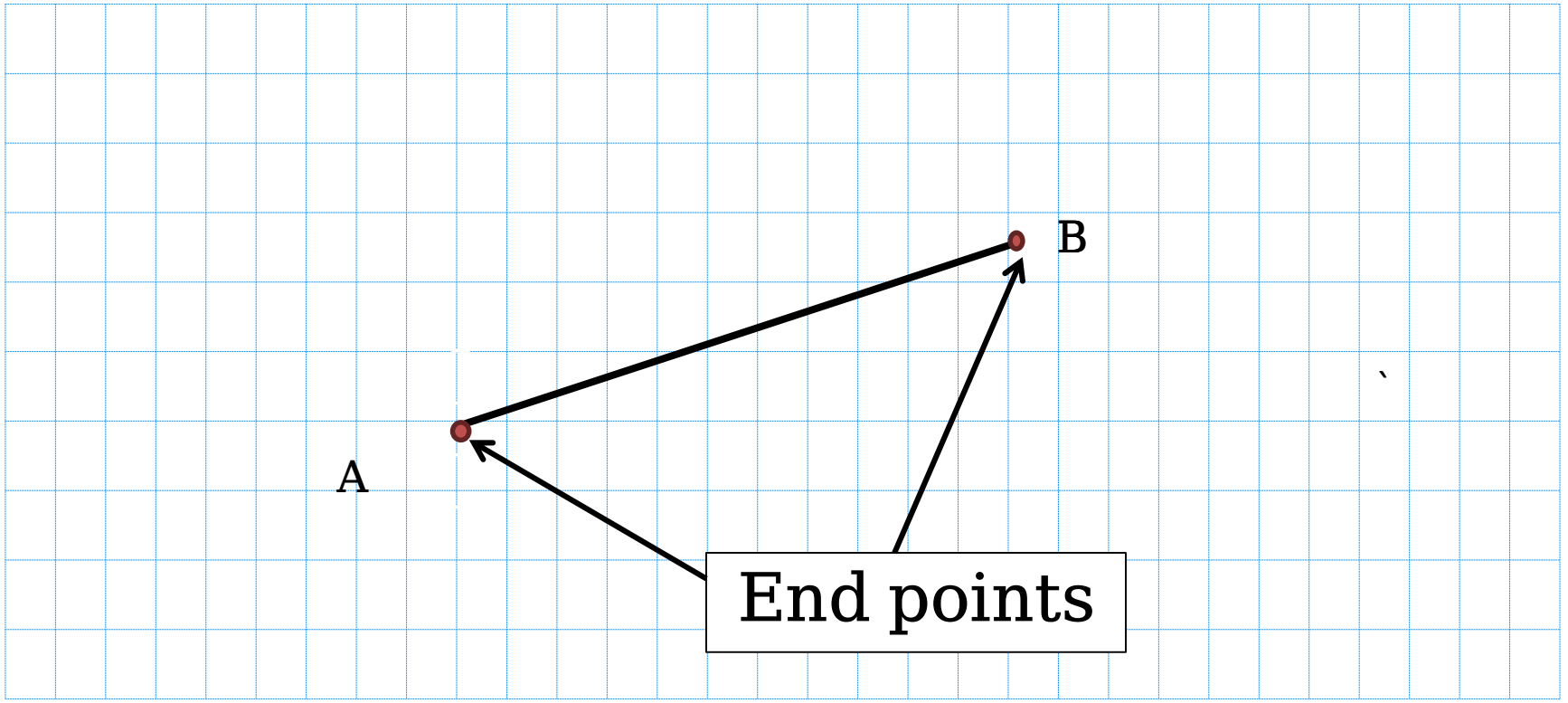
Objectives

By the end of the lesson, students will be able to:

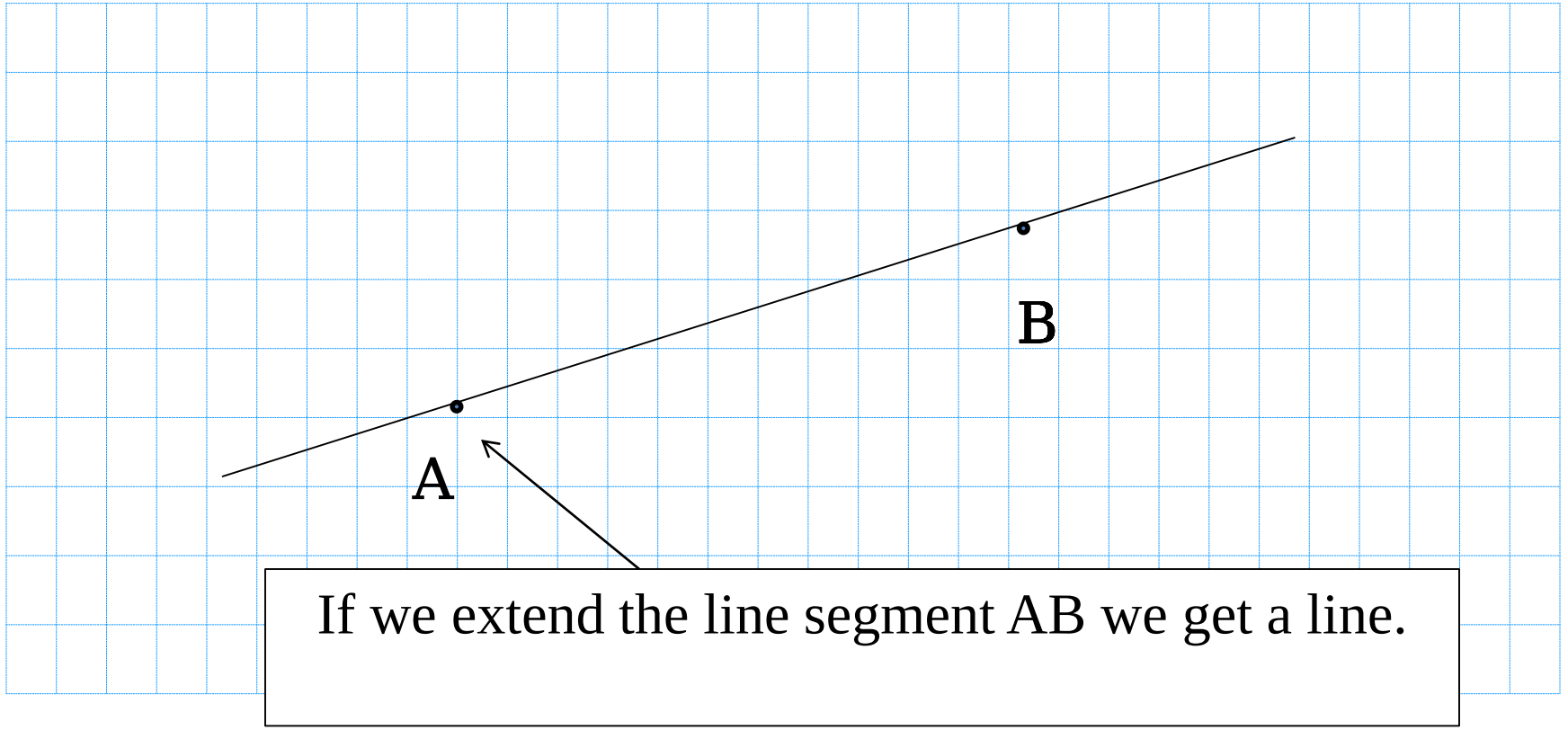
1. say and write the definition of points, lines, planes and angles.
2.identify and draw the different types of angles by using protector.
3.write the name of different angle by looking figures .
4.draw the angles measure in degree by the protractor .

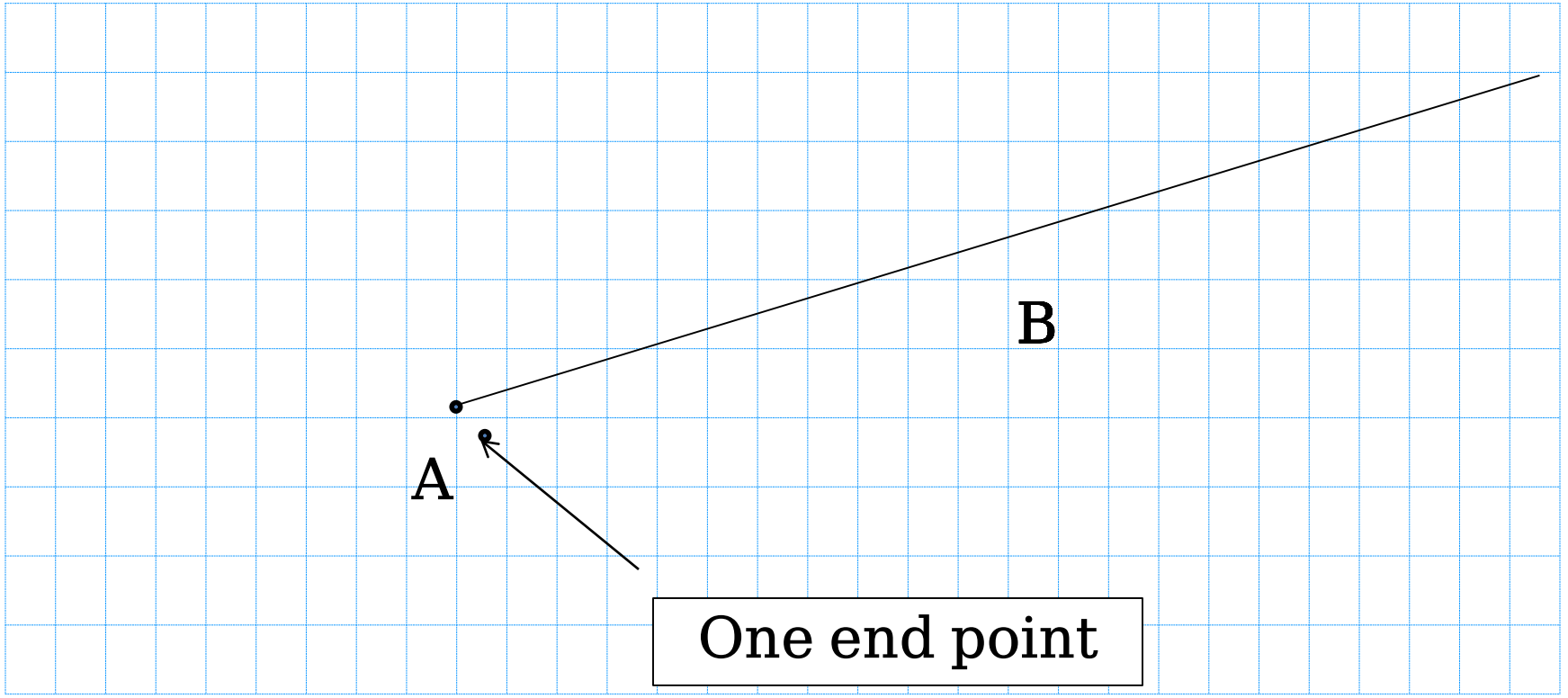
Point A

A Point has a position but it has neither size nor shape .



AB is Line segment

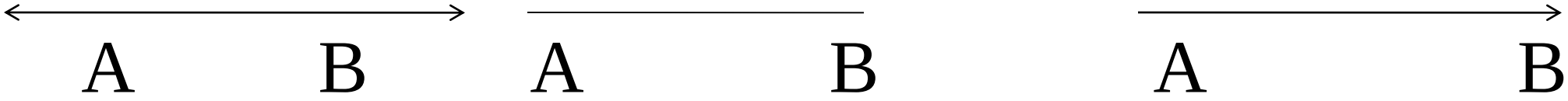

B
A
If we extend the line segment AB we get a line.



If a line has one end point is called Ray

Ray has no definite length

Ray: Ray has no definite length; it has only one end point.



Straight line AB

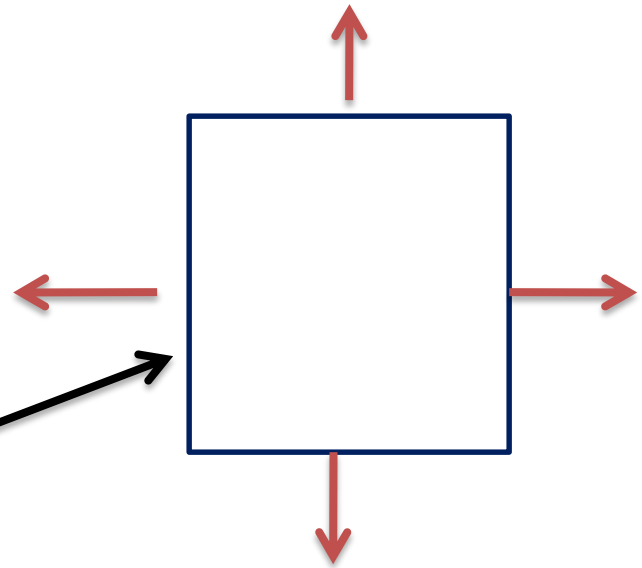
Line segment AB

Ray AB

The upper of a football is a surface. This surface is not a plane surface, it is a curved surface.

Matching

Line

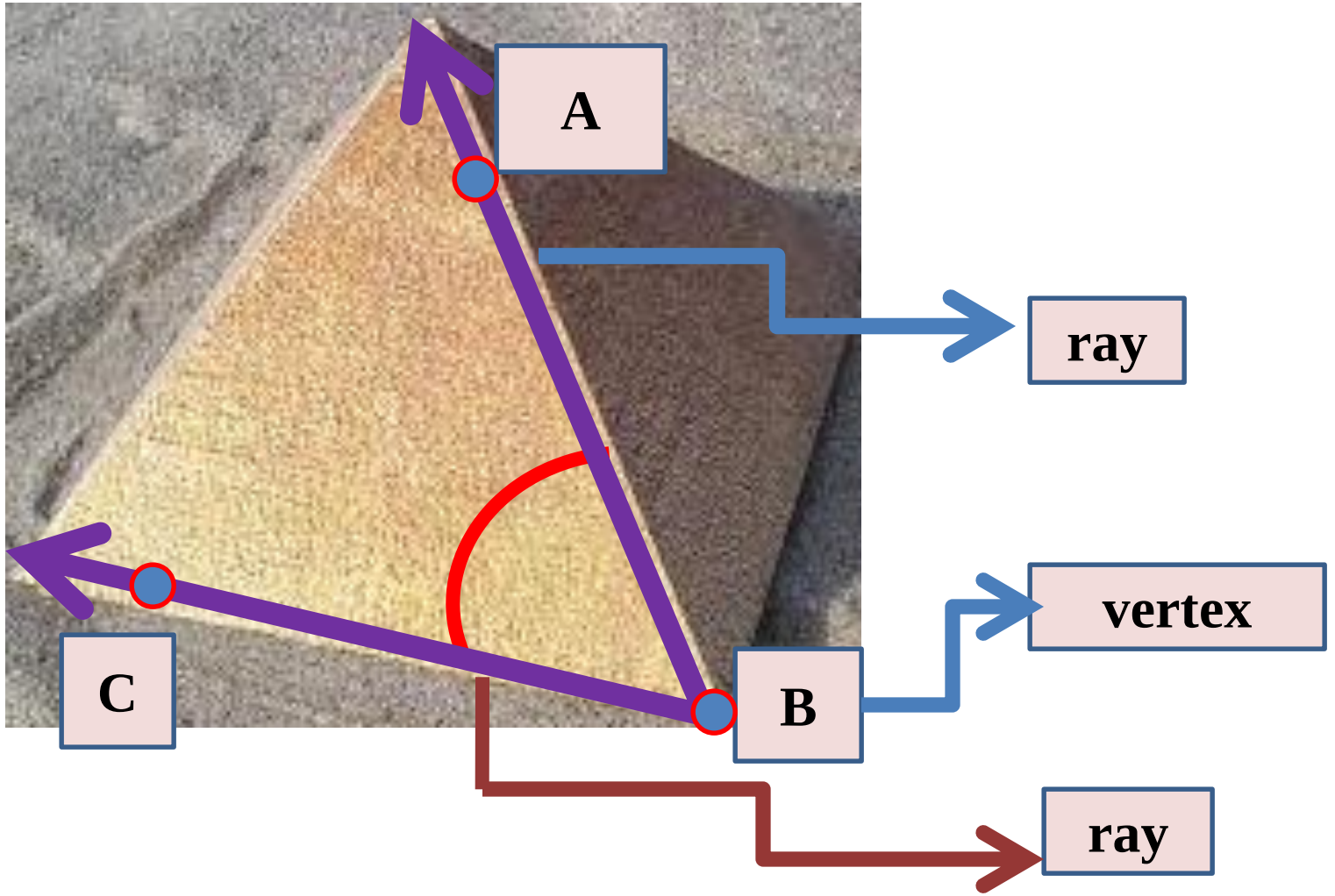


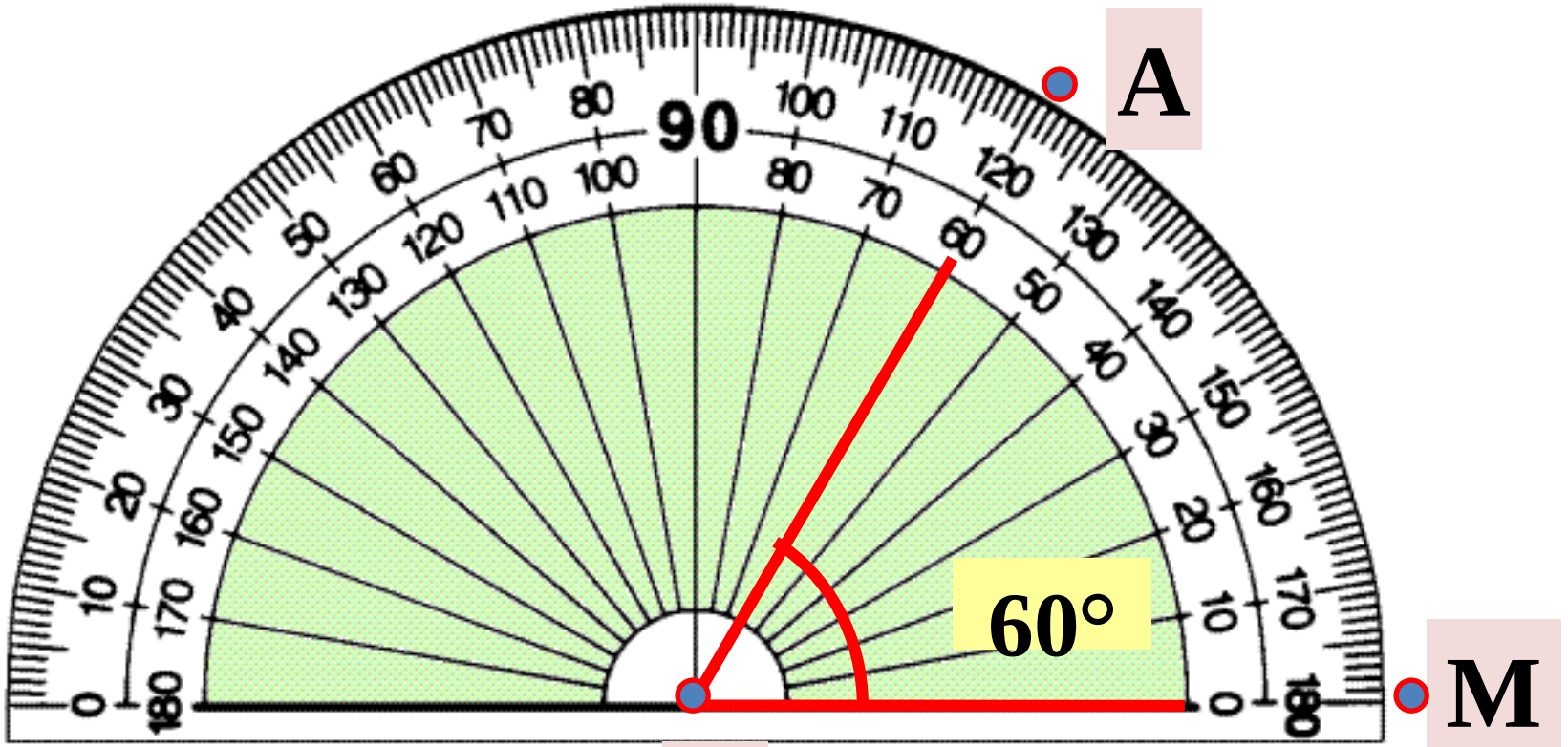
Plane Surface

Point

Curved Surface

.

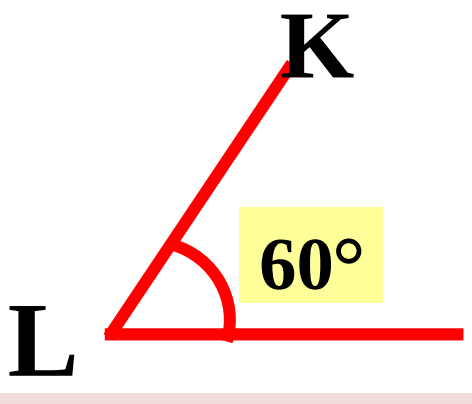

A
ray
vertex
C
B
ray

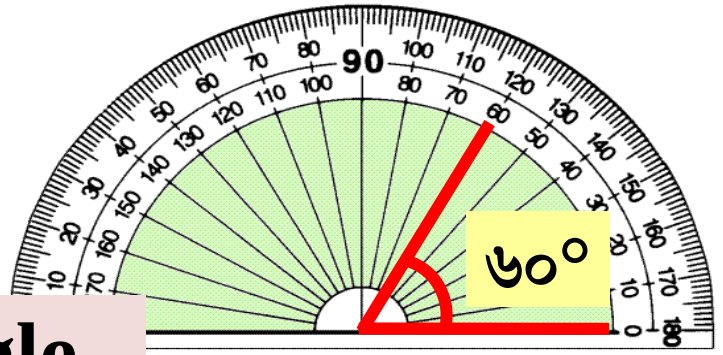


ALM = 60°

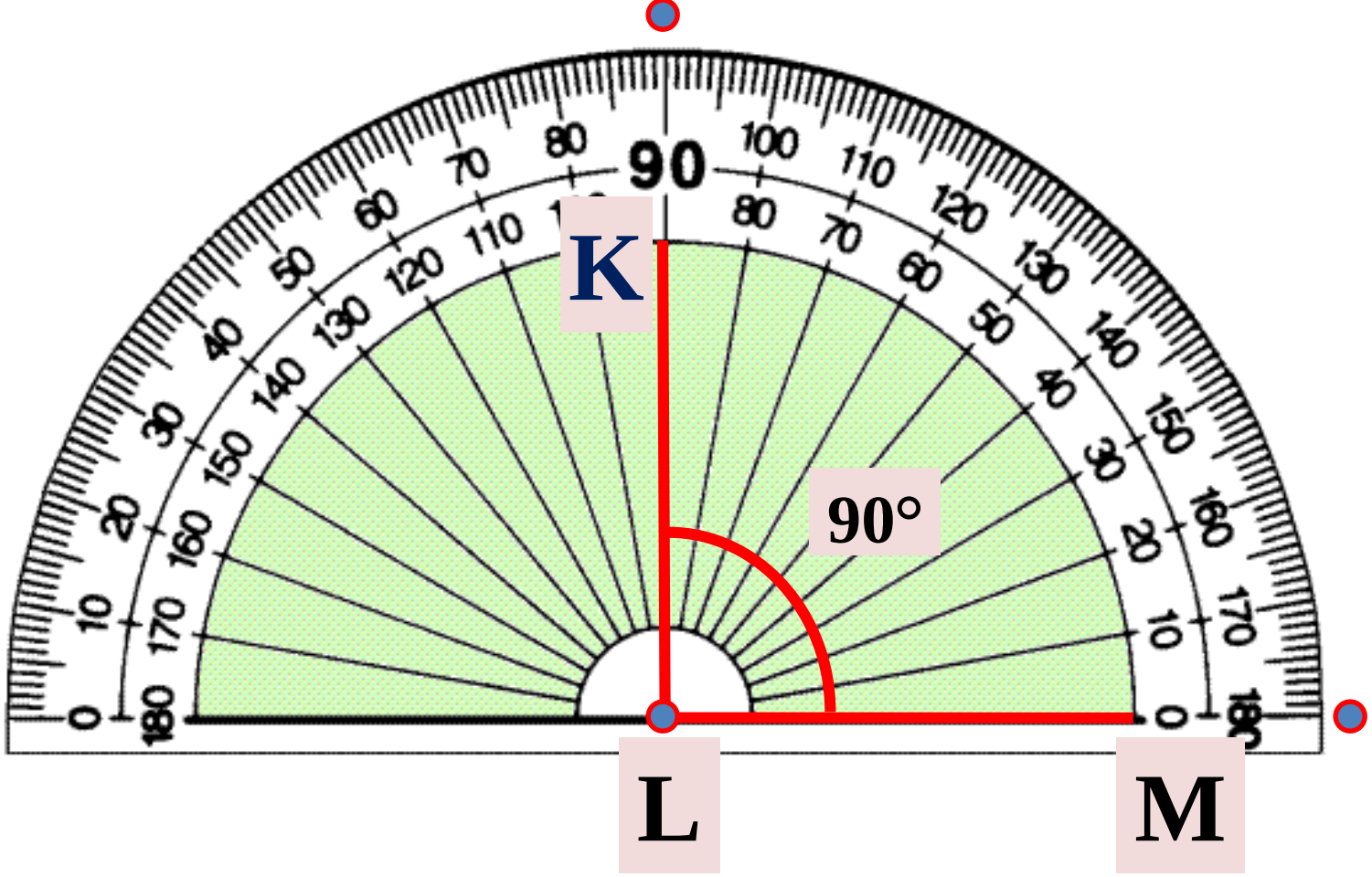
An angle whose measure is greater than 0° but less than 90° is called acute angle.

Which one is acute angle ?



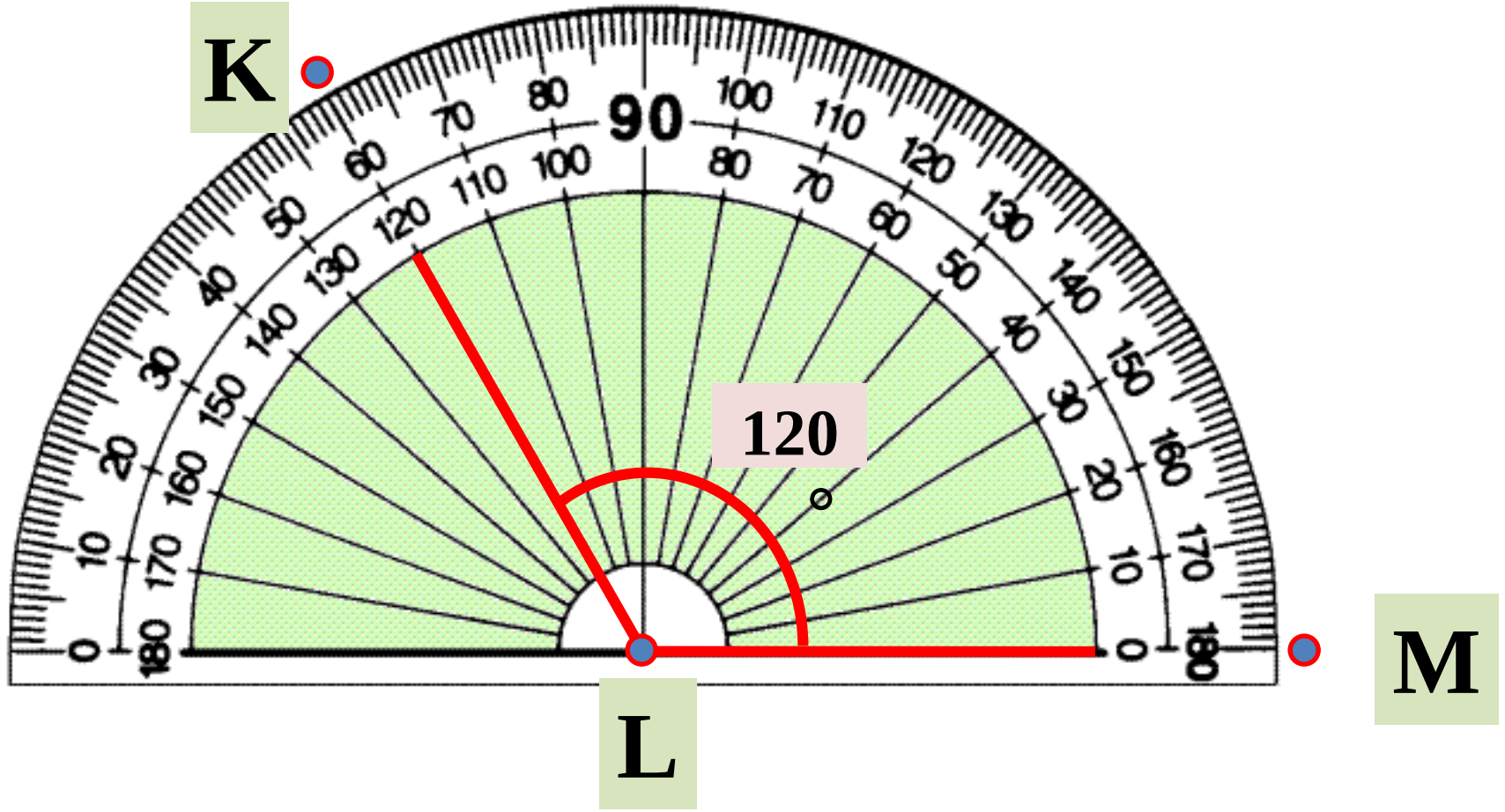


Here ,<KLM is a acute angle



Here,<KLM = 90°

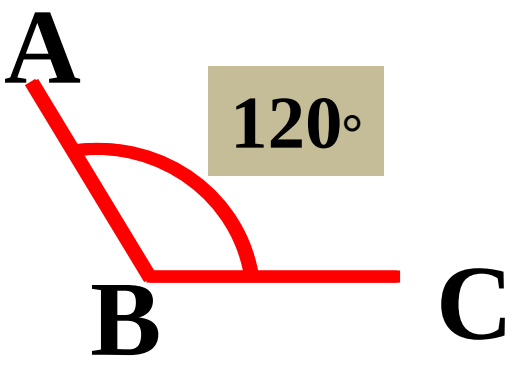
A right angle is a angle whose measure is exactly 9o°.

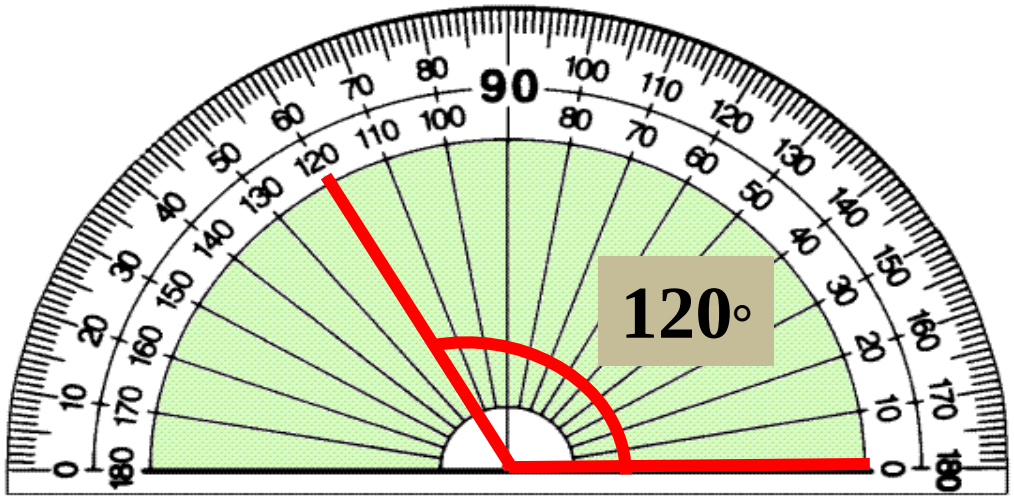


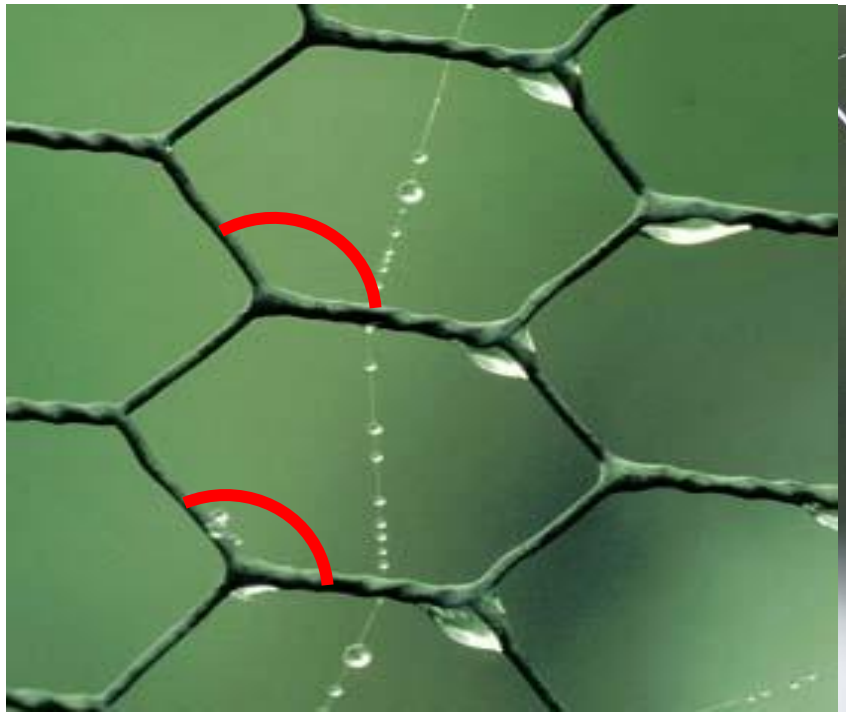
Here,<KLM is a obtuse angle

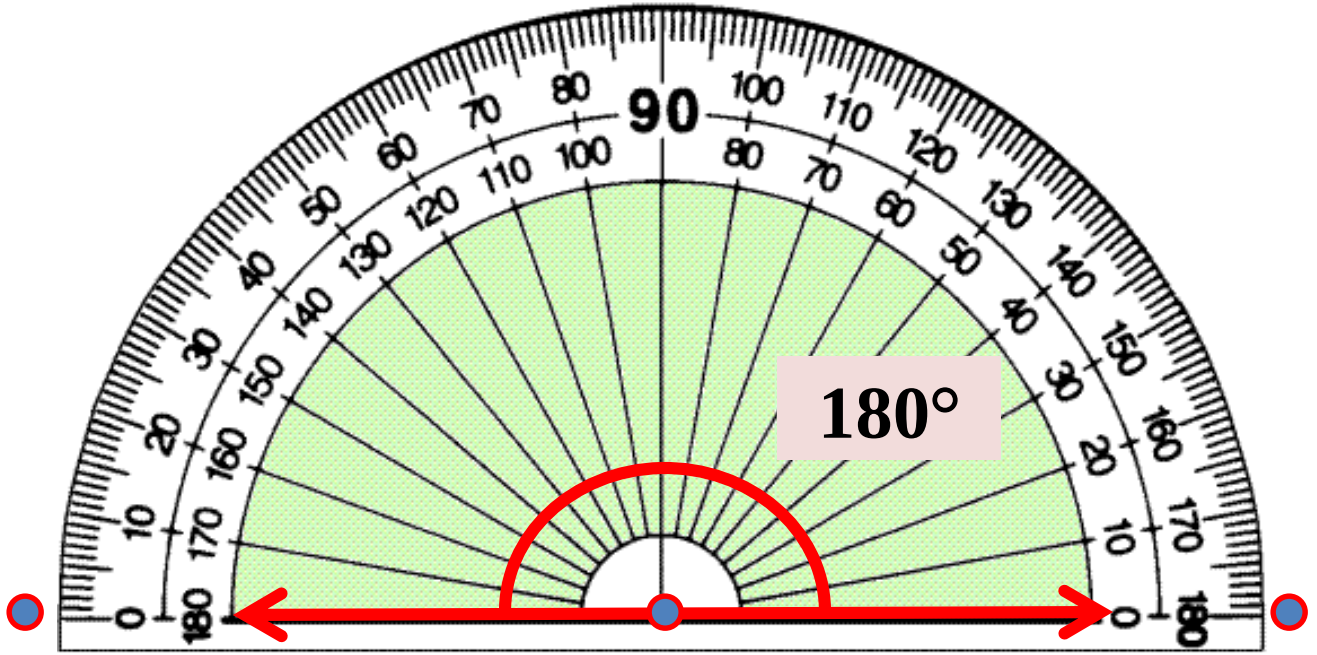
An angle whose measure is greater than 9o° is called obtuse angle .

Which one is obtuse angle ?







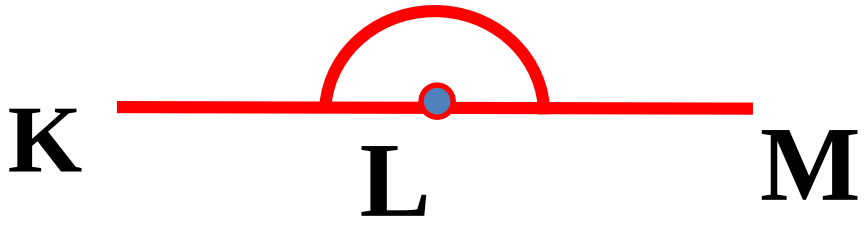


Here,<KLM is a straight angle

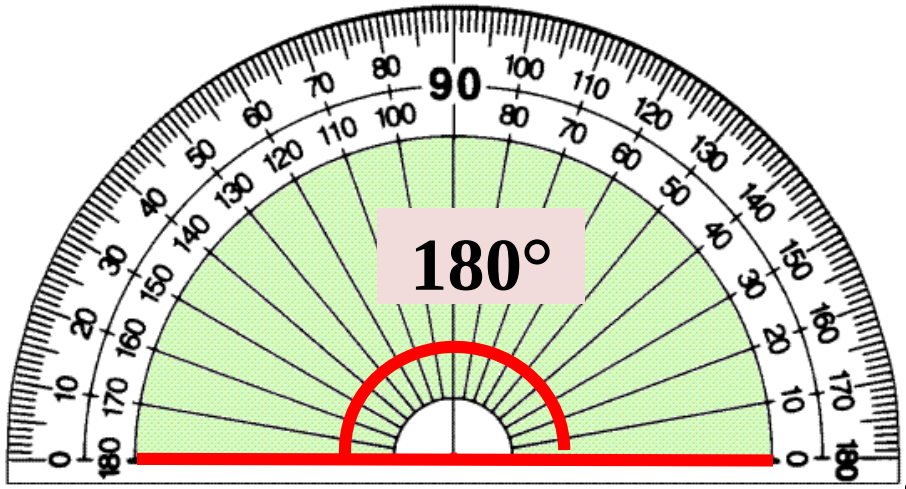
An angle whose measure is exactly 18o° is called straight angle .

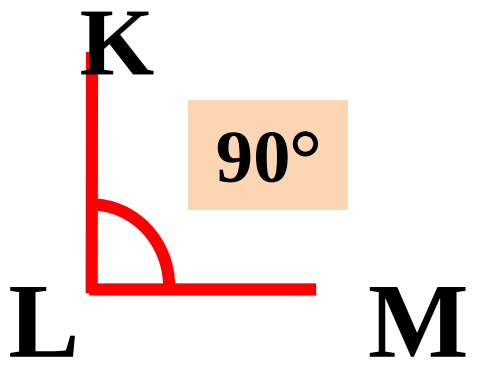
Which one is straight angle ?

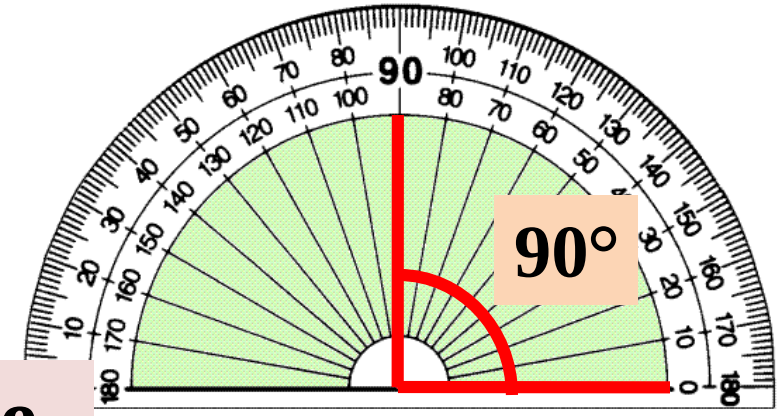
180°



<KLM is a straight angle



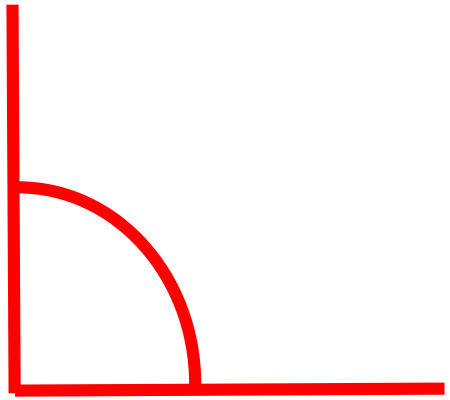




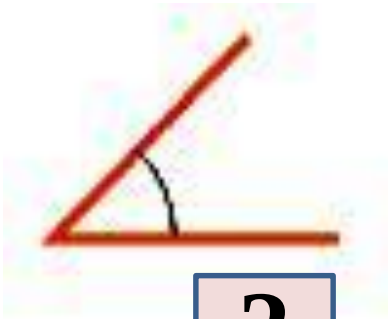
Here,<KLM is a right angle.

Feedback

1. What is straight angle?



1



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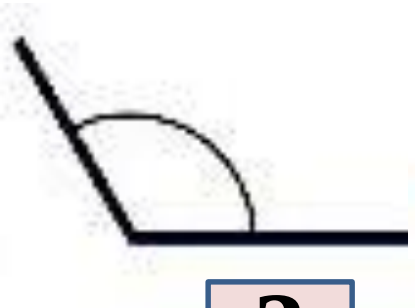


3

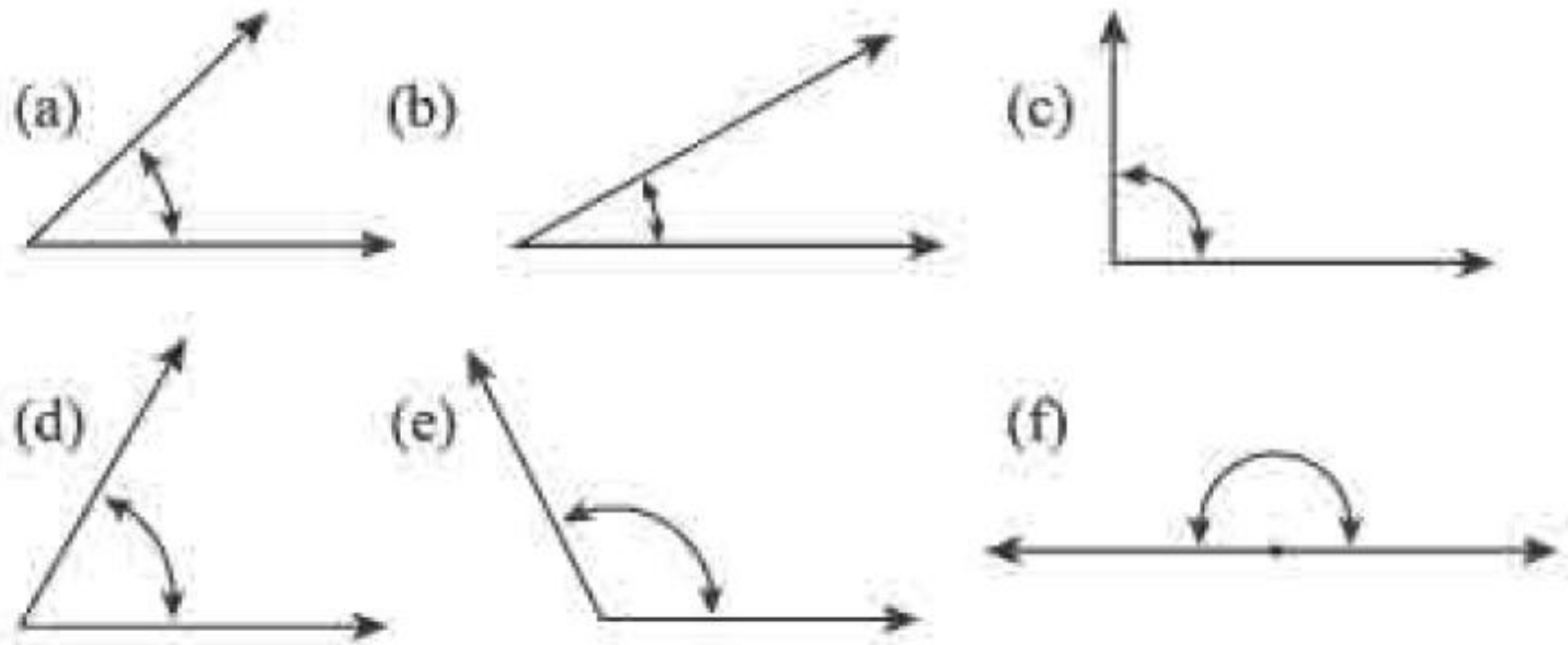
4

Write the name of these angle.

HW

Exercise 10: No. 1 & 2

Measure the following angles in degree by the protractor and write them below the respective angles :



Thank You