Angles in a Circle

Major arc

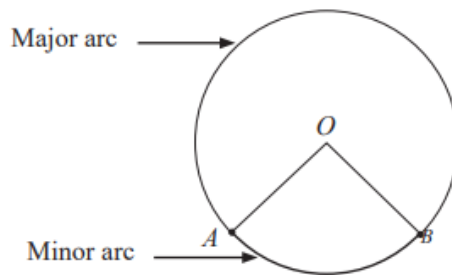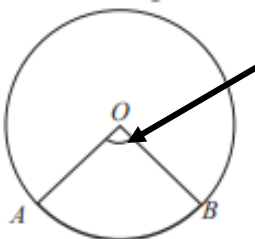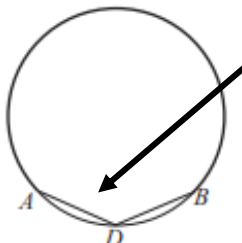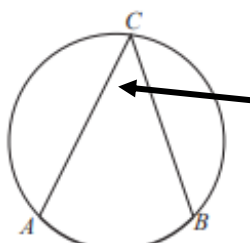Minor arc

The angle subtended by the major arc AB at the Centre

The angle subtended by the minor arc AB at the Centre

The angle that is subtended on the remaining part of the circle by the major arc AB.

The angle that is subtended on the remaining part of the circle by the minor arc AB.

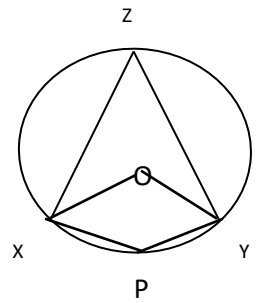01. The Centre of the circle in the given figure is O.
   (a) Write down,
   I. The angle that is subtended by the minor arc XY on the remaining part of the circle.
   ii. The angle that is subtended at the Centre by the minor arc XY

   (b) Write down,
    I. The angle that is subtended by the major arc XY on the remaining part of the circle.
   ii. The angle that is subtended at the Centre by the major arc XY.

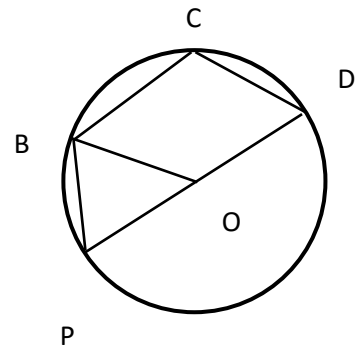02. The Centre of the circle in the given figure is O.
   (a) Write down,
   I. The angle that is subtended by the minor arc BD on the remaining part of the
      Circle.
   ii. The angle that is subtended at the Centre by the minor arc BD

   (b) Write down,
    I. The angle that is subtended by the major arc BD on the remaining part of the circle.
   ii. The angle that is subtended at the Centre by the major arc BD.

- **Do the 31.1 exercise in grade 10 text book.**