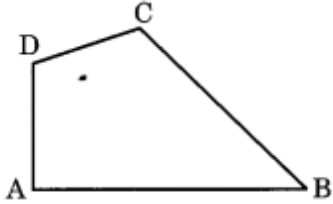# NCERT Solutions For Class 6 Maths Basic Geometrical Ideas Exercise 4.3

Ex 4.3 Class 6 Maths Question 1.

Name the angles in the given figure.
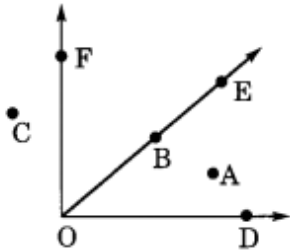

Solution:

The angles are:

(i)   ∠A or   ∠DAB

(ii) ∠B or ∠CBA

(iii) ∠C or ∠DCB

(iv) ∠D or ∠ADC.

Ex 4.3 Class 6 Maths Question 2.

In the given diagram, name the point(s):

(a) In the interior of ∠DOE

(b) In the exterior of ∠EOF

(c) On ∠EOF

Solution:

(a) A is the point in the interior ∠DOE.

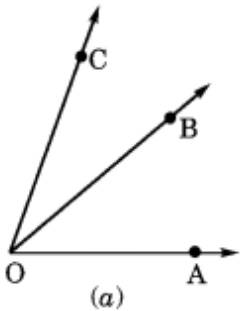(b) C is the point in the exterior ∠EOF.

(c) B is the point on ∠EOF.

Ex 4.3 Class 6 Maths Question 3.
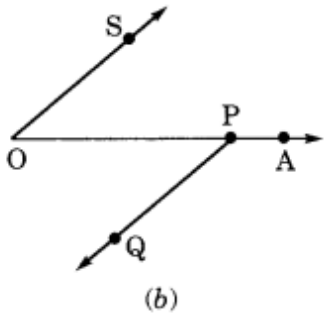
Draw rough diagrams of two angles such that they have

(a) one point in common.

(b) two points in common.

(c) three points in common.

(d) four points in common.

(e) One ray in common.

Solution:
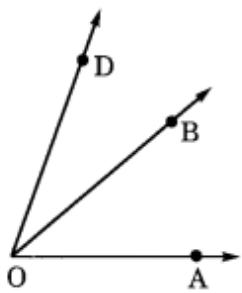
(a) In figure (a), O is the common point of ∠AOB and ∠COB.

(a)

(b) In figure (b), O and P are the common points in ∠SOA and ∠OPQ.

(b)

(c) Such a diagram is not possible.
(d) Such a diagram is not possible.

(e) $\overrightarrow{OB}$ is the common ray of ∠AOB and ∠DOB.