

# Mathematics

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(Chapter - 4) (Basic Geometrical Ideas)

(Class - VI)

## Exercise 4.3

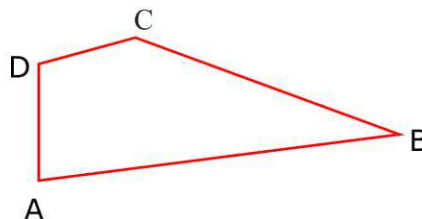
### Question 1:

Name the angles in the given figure:

#### Answer 1:

There are four angles in given figure:

$\angle ABC$ ,  $\angle CDA$ ,  $\angle DAB$ ,  $\angle DCB$



### Question 2:

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

(a) In the interior of  $\angle DOE$ .

(b) In the exterior of  $\angle EOF$ .

(c) On  $\angle EOF$ .

#### Answer 2:

(a) Point interior of  $\angle DOE$  :

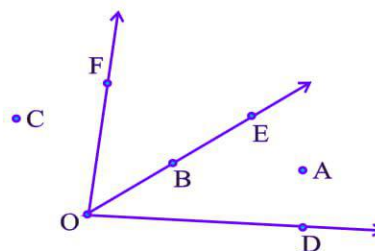
A

(b) Points exterior of  $\angle EOF$ :

C, A, D

(c) Points on  $\angle EOF$ :

E, O, B, F



### Question 3:

Draw rough diagrams of two angles such that they have:

(a) One point in common.

(b) Two points in common.

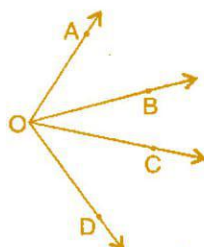
(c) Three points in common.

(d) Four points in common.

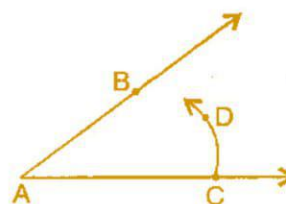
(e) One ray in common.

#### Answer 3:

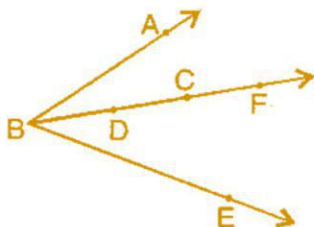
(a)



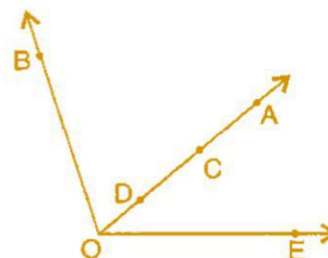
(b)



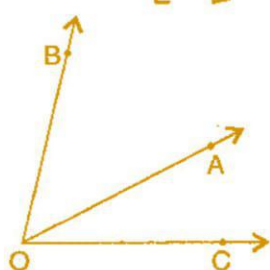
(c)



(d)



(e)



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