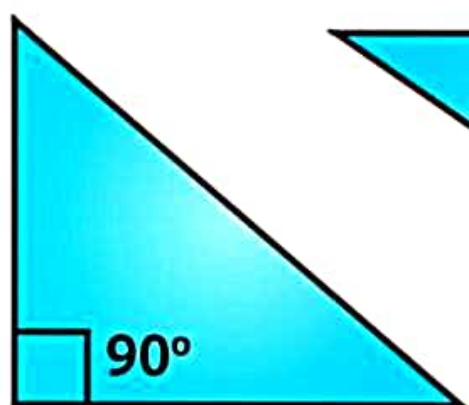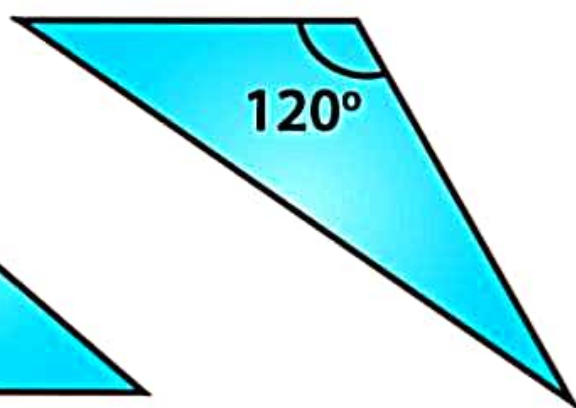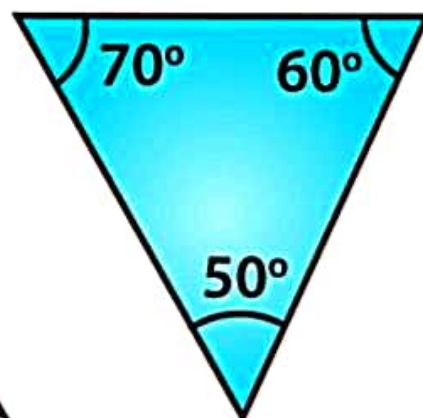9. In Fig. below there are five triangles. The measures of some of their angles have been indicated. State for each triangle whether it is acute, right or obtuse.
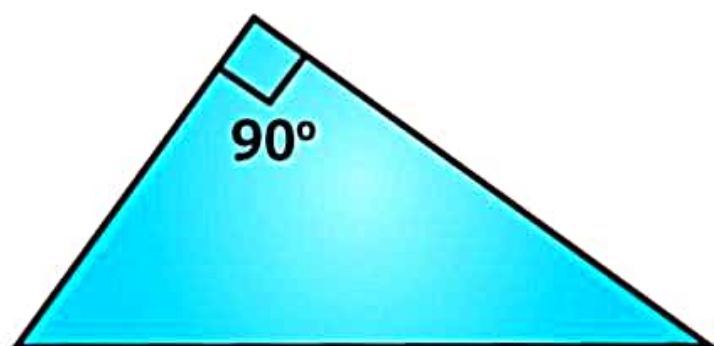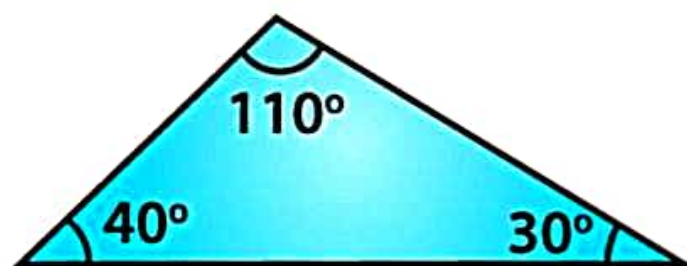

(i)

(ii)

(iii)

(iv)

(v)

Solution:

(i) It is a right triangle with one angle as 90 degree

(ii) It is an obtuse triangle with one angle as 120 degree

(iii) It is an acute triangle with one angle as 60 degree

(iv) It is a right triangle with one angle as 90 degree

(v) It is an obtuse triangle with one angle as 110 degree.