

7① no. \because sum of 2 acute angles
is less than 180°

no. \because sum of 2 obtuse
angles is greater than
 180°

yes $90^\circ + 90^\circ$
 $= 180^\circ$

8. its complement is less than
 45°

eg. $\angle = 46^\circ$
its complement $= 90^\circ - 46^\circ$
 $= 44^\circ$

which is less than 45°