Cosmo School

Chapter geometry

Class- Six,

Subject teacher: Barkatul alam(Tipu)

Fill in the gaps:

a) The measure of a right angle is ......
b) The measure of an acute angle is ......than that of a right angle
c) The measure of an obtuse angle is ......than that of a right angle
d) An angle of a right angled triangle is ... and the other two angles are ... angles
e) ..... Triangle has an obtuse angle and ... acute angles
f) A triangle having all the angles less than,,, is an acute angle triangle.

Creative part

The lines AB and CD intersect at the point O.

a) Based on the above information, draw a figure
b) Prove that, the produce vertically opposite angles are equal to each other
c) If ∠AOC=(4x-16) and ∠BOC=2(x+20), determine the value of X