



Work sheet for class-6

Geometry

Subject teacher: Barkatul alam (tipu)

1. The lines AB and CD intersect at the point O.

(a) Based on the above information, draw a figure.

(b) Prove that, the produced vertically opposite angles are equal to each other.

(c) If  $\angle AOC = (4x - 16)$  and  $\angle BOC = 2(x + 20)$ , determine the value of X