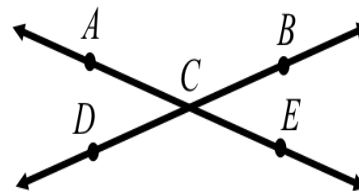


CHAPTER 1: TOOLS OF GEOMETRY

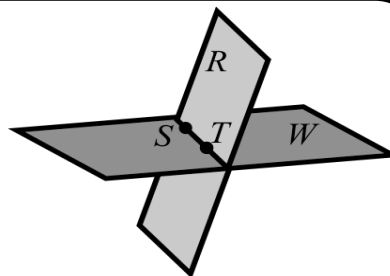
Postulate 1-1



Postulate 1-2



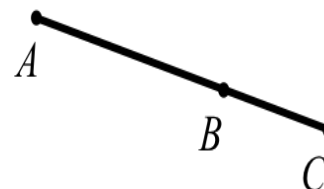
Postulate 1-3



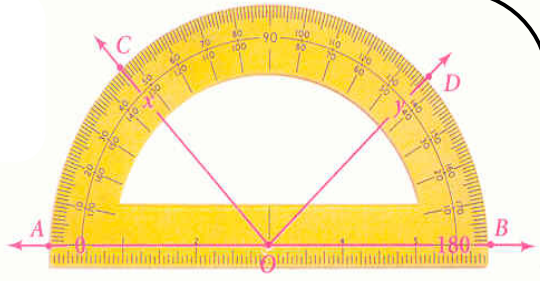
Postulate 1-4

Postulate 1-5: Ruler Postulate

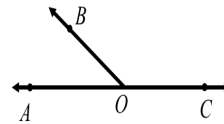
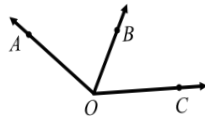
Postulate 1-6: Segment Addition Postulate



Postulate 1-7: Protractor Postulate



Postulate 1-8: Angle Addition Postulate



The Distance Formula

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

The Midpoint Formula

$$M = \left(\frac{x_1 + x_2}{2}, \frac{y_1 + y_2}{2} \right)$$