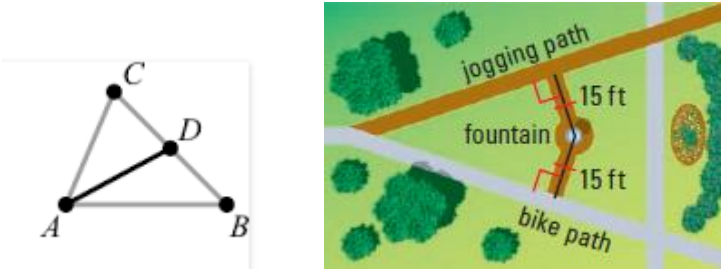
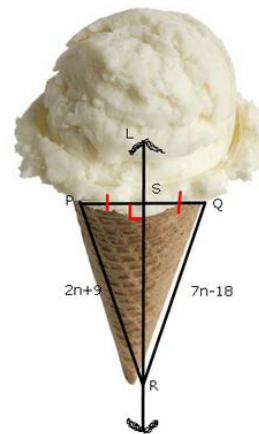
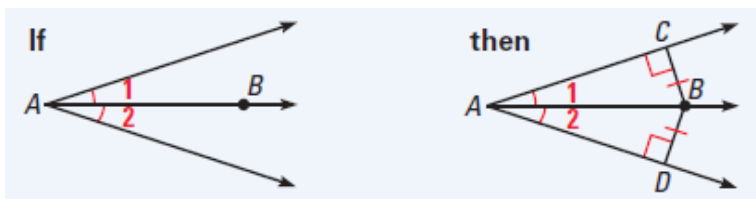


Angle Bisector and Perpendicular Bisector with Theorems

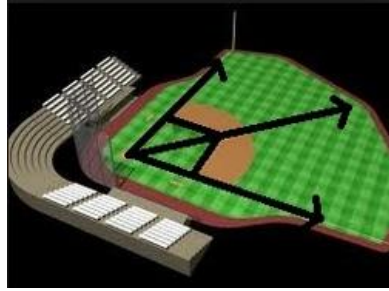
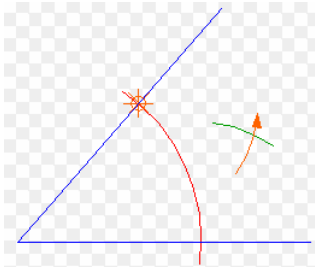
Angle Bisector: A line or ray that divides an angle into two congruent angles.



Angle Bisector Theorem: If a point is on the bisector of an angle, then it is equidistant from the two sides of the angle.



Perpendicular Bisector: A line segment that is both perpendicular to a side of a triangle and passes through its midpoint.



Perpendicular Bisector Theorem: If a point is equidistant from the endpoints of the segment, then it is on the perpendicular bisector of the segment.

