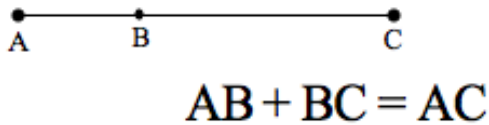


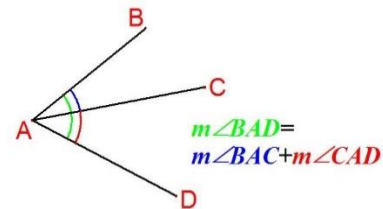
# Segment and Angle Addition Postulate

## Segment Addition Postulate:



- The Segment Addition Postulate states that If a point B is on a line segment AC then AB Plus BC is AC

## Angle Addition Postulate

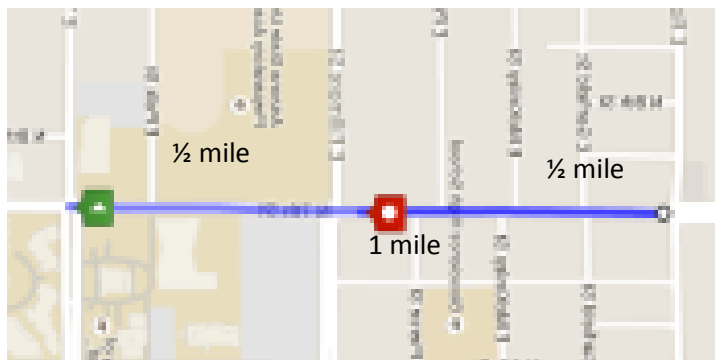


- The angle Addition Postulate states that in the angle BAD, the sum of the measure of the two smaller angles BAC and CAD, equals the measure of the larger angle BAD

# Real World Examples

## Segment Addition Postulate

The Segment Addition Postulate is important for real life, when traveling on a straight road and you are between points A and B you can calculate how much farther you have by subtracting the length of the road by the distance you've traveled.



## Angle Addition Postulate:

The Angle Addition Postulate is also important for real life, for example any circle is three hundred sixty degrees, when eating a pizza you can tell how much more there is by subtracting  $360^\circ$  by the measure of the angle of the pizza that has been eaten.

