

Angle and segment addition postulate

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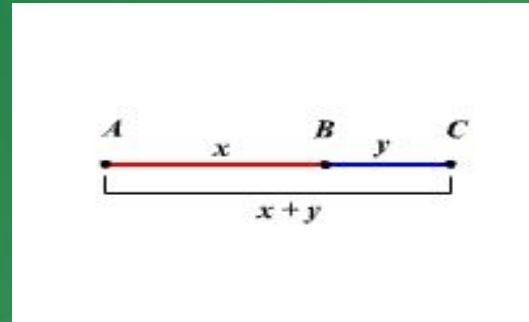
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Definition of segment addition postulate:

IT STATES THAT GIVEN TWO POINTS A AND C, A THIRD POINT B LIES ON THE

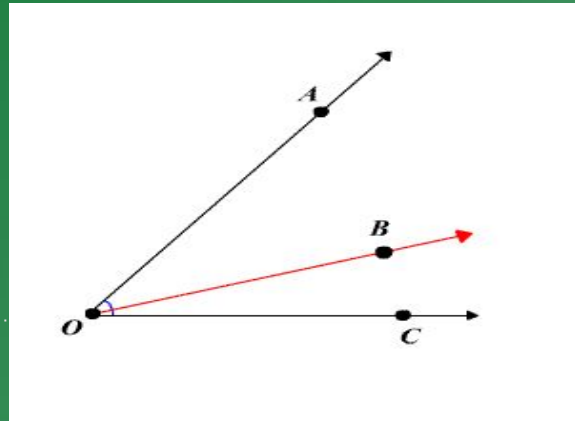
LINE SEGMENT AC IF AND ONLY IF THE DISTANCES BETWEEN THE TWO POINTS

SATISFY THE EQUATION $AB + BC = AC$



Definition of angle addition postulate:

IT STATES THAT IF B IS IN THE INTERIOR OF AOC, THEN. THAT IS, THE MEASURE OF THE LARGER ANGLE IS THE SUM OF THE MEASURES OF THE TWO SMALLER ONES.

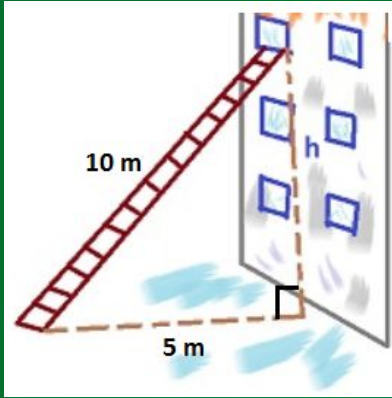


Importance of angle & addition postulate

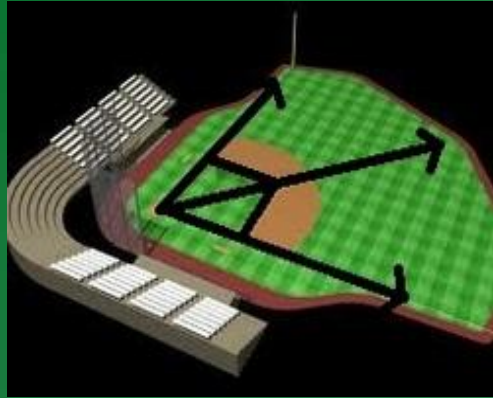
THEY ARE IMPORTANT BECAUSE SEGMENTS AND ANGLES ARE EVERYWHERE. ANGLE ADDITION POSTULATE AND SEGMENT ADDITION POSTULATE ARE USED IN ARCHITECTURE , ALSO CONSTRUCTION WORKERS USE THEM, AND COMPUTER SOFTWARE ENGINEERS. HOWEVER, THERE ARE MANY MORE JOBS THAT USE THESE TWO POSTULATES.

Real life examples

KNOW THE DISTANCE OF WHERE TO PUT
A LADDER



KNOWING HOW BIG THE ANGLE IS TO KNOW AT
WHAT PART TO PUT THE BASES EVENLY



SEGMENT ADDITION POSTULATE ANGLE ADDITION POSTULATE



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- SEGMENT ADDITION POSTULATE VIDEO
- ANGLE ADDITION POSTULATE VIDEO