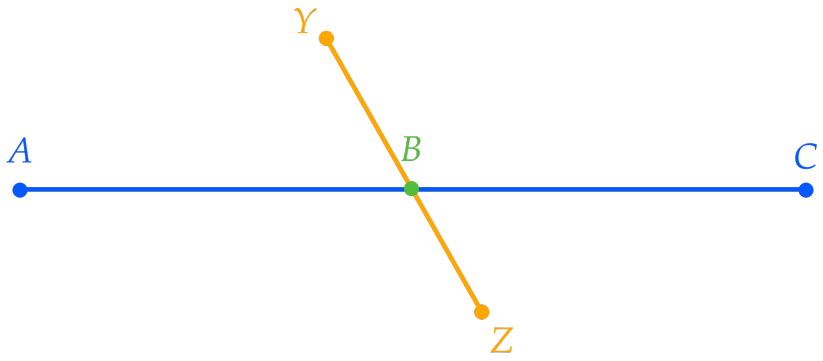
Name _____

Segment Bisectors

Date _____ Period _____

A segment bisector is any segment, line, ray or plane that intersects a segment at its midpoint.




Point $B$ is the midpoint $\overline{AC}$

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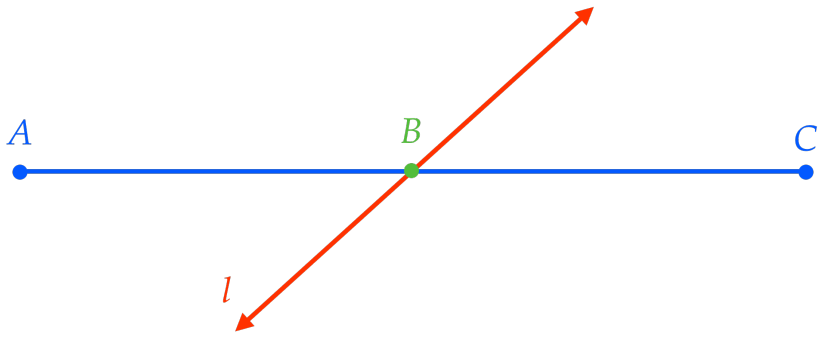


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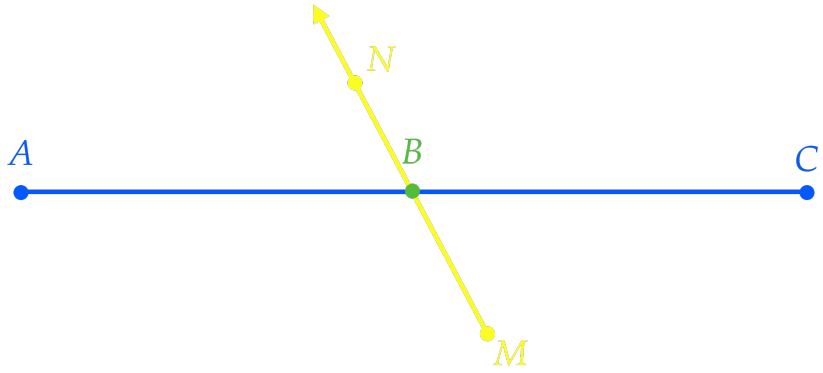


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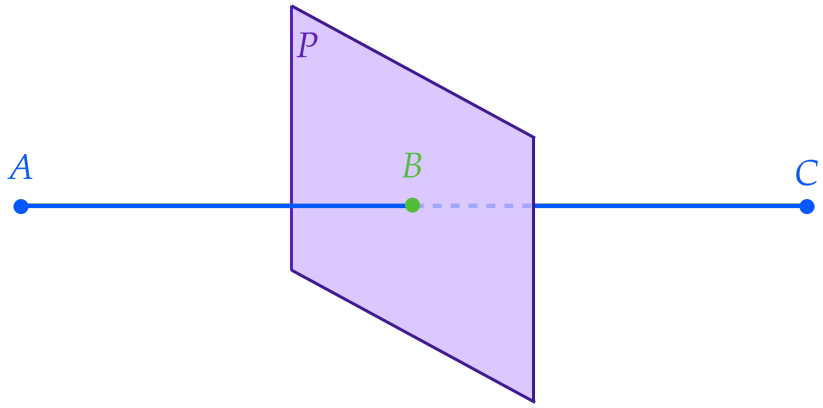


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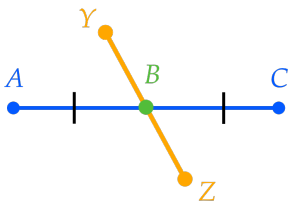
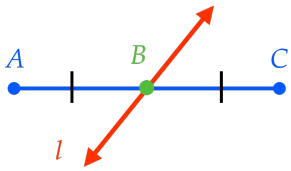
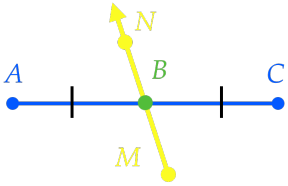
segment



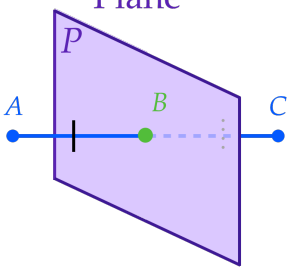

line




ray




Plane




The Midpoint Theorem

$\overline{AB} \cong \overline{BC}$ $\overline{AB} \cong \overline{BC}$ $\overline{AB} \cong \overline{BC}$ $\overline{AB} \cong \overline{BC}$

the segment bisector "cuts" the segment in half.