

HW
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Geometry

Chapter 1
Section 1-6

Vocabulary

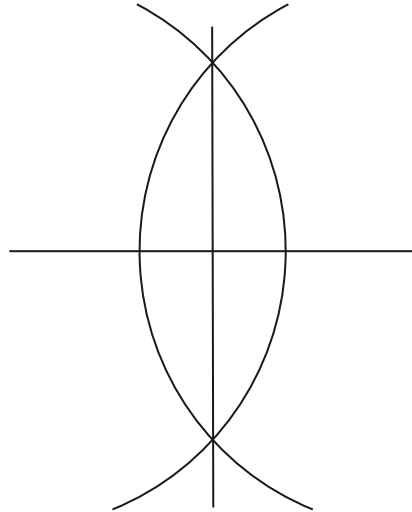
Perpendicular
Lines

Two lines that intersect to form right angles

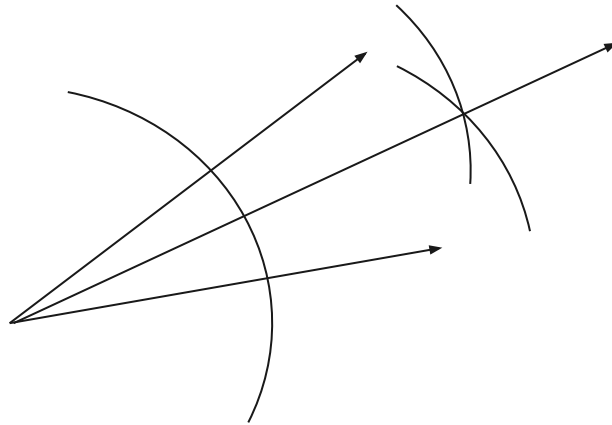
Perpendicular
Bisector

Line, ray, or segment that is perpendicular to a segment at its midpoint

Constructing a Perpendicular Bisector



Constructing an Angle Bisector



Critical Thinking

Answer the questions about a segment in a plane. Explain each answer.

- a.** How many midpoints does the segment have?
- b.** How many bisectors does it have?
- c.** How many lines in the plane are its perpendicular bisectors?
- d.** How many lines in space are its perpendicular bisectors?

Homework

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