

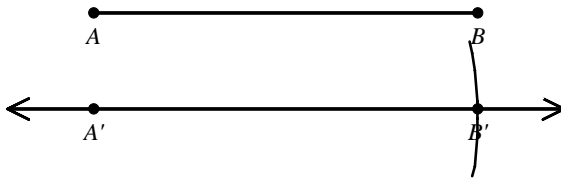
NAME: _____

P.I. G.G.17: Construct a bisector of a given angle, using a straightedge and compass, and justify the construction

P.I. G.G.18: Construct the perpendicular bisector of a given segment, using a straightedge and compass, and justify the construction

P.I. G.G.19: Construct lines parallel (or perpendicular) to a given line through a given point, using a straightedge and compass, and justify the construction

1. Which construction is represented by the diagram below?



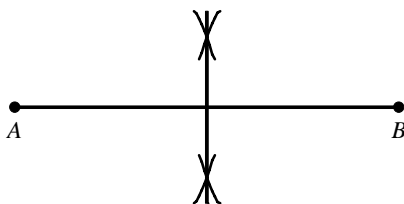
[A] drawing a line parallel to \overline{AB}

[B] drawing a ray through $\overline{A'B'}$

[C] copying \overline{AB}

[D] bisecting \overline{AB}

2. Which construction is represented by the diagram below?



[A] copying \overline{AB}

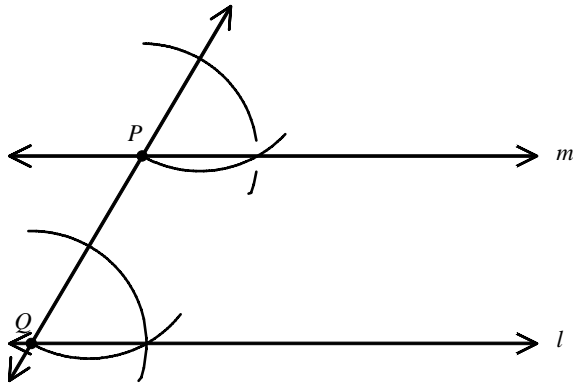
[B] bisecting \overline{AB}

[C] rotating \overline{AB}

[D] drawing a line parallel to \overline{AB}

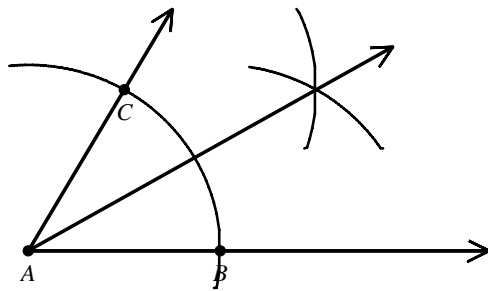
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3. Which construction is represented by the diagram below?



- [A] copying line l
[B] constructing a line parallel to line l
[C] bisecting $\angle P$
[D] bisecting $\angle Q$

4. Which construction is represented by the diagram below?



- [A] copying $\angle A$
[B] copying \overrightarrow{AB}
[C] measuring $\angle A$
[D] bisecting $\angle A$

[1] C

[2] B

[3] B

[4] D