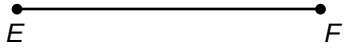
Name _____

Constructions

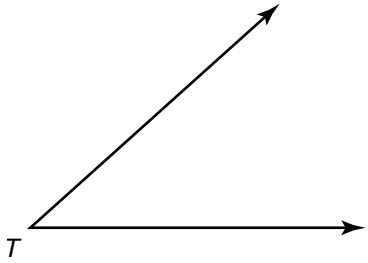
P 9-4

Use $\overline{EF}$ and $\angle T$ for 1 and 2.

1. Construct a segment congruent to $\overline{EF}$.

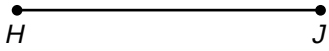


2. Construct an angle congruent to $\angle T$.

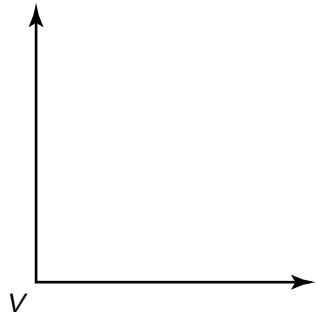


Use $\overline{HJ}$ and $\angle V$ for 3 and 4.

3. Construct a perpendicular bisector of $\overline{HJ}$.



4. Construct a bisector of $\angle V$.



Test Prep

5. If $\overrightarrow{MP}$ is the bisector of $\angle LMN$, and $\angle LMN$ is a right angle, what is the measure of $\angle LMP$?

A. 30° **B.** 45° **C.** 65° **D.** 90°

6. **Writing in Math** Explain how you would use a compass and a straightedge to draw the perpendicular bisector of a line segment.