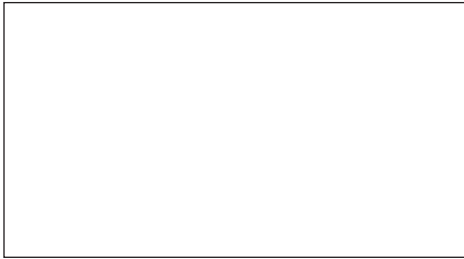


Practice 12-6

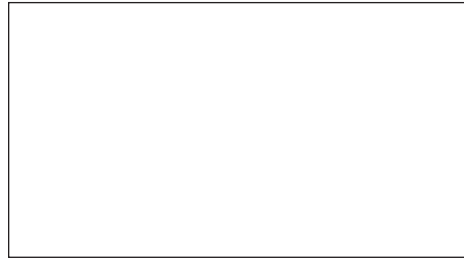
Locus: A Set of Points

Draw each locus of points in a plane.

1. 1.5 cm from point T



2. equidistant from the endpoints of \overline{AB}

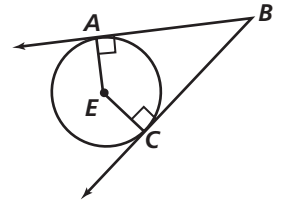


Draw the locus of points in a plane that satisfy the given conditions.

3. equidistant from points X and Y and on a circle with center at point X and radius $= \frac{1}{2}XY$



4. equidistant from the sides of $\angle ABC$ and on $\odot E$



Describe each locus.

5. the set of points in a plane equidistant from two parallel lines _____

6. the set of points in space a given distance from a point _____

7. the set of points in a plane less than 1 in. from a given point _____

8. Sketch and label the locus of all points in a plane 0.75 in. from a line \overleftrightarrow{RS} .



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