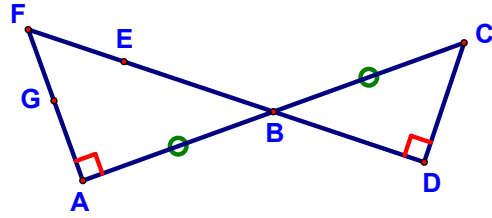


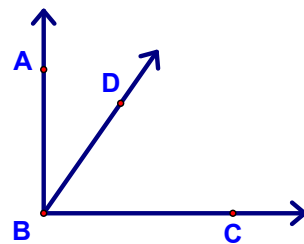
3.

- a. Name all the points collinear with E and F.
- b. Are G, E, & D collinear? Are F & C collinear?
- c. Which two segments do the tick marks indicate are congruent?
- d. Is $\angle A \cong \angle D$?
- e. Is $\angle F \cong \angle ABF$?
- f. Where do \overleftrightarrow{AC} & \overleftrightarrow{FE} intersect?
- g. $\overline{AG} \cap \overline{GF} = ??$
- h. $\overline{AG} \cup \overline{GF} = ??$
- i. B lies on a ray whose endpoint is E. Name this ray in all possible ways.
- j. Name all points between F & D.



6.

$\angle ABC$ is a right angle. The ratio of the measures of $\angle ABD$ and $\angle DBC$ is 3 to 2. Find $m\angle ABD$.



10.

A, K, O, and Y are collinear points. K is between O and A, the length of \overline{AO} added to the length of \overline{AY} is equal to the length of \overline{OY} ($OA + AY = OY$), and A is to the right of O. Draw a diagram that correctly represents this information.

11.

Draw a diagram in which F is between A and E, F is also between R and S and A, E, R, and S are noncollinear.

12.

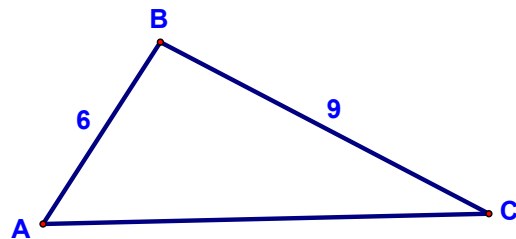
If $AB = 16$, $BC = 8$, and $AC = 24$, which point is between the other two?

13.

Given the diagram as shown,

a. AC must be smaller than what number?

b. AC must be larger than what number?



15.

Find the measures of $\angle ABC$, $\angle ABD$, and $\angle DBE$.

