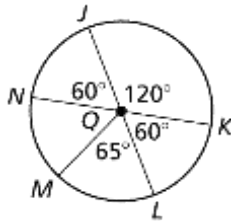


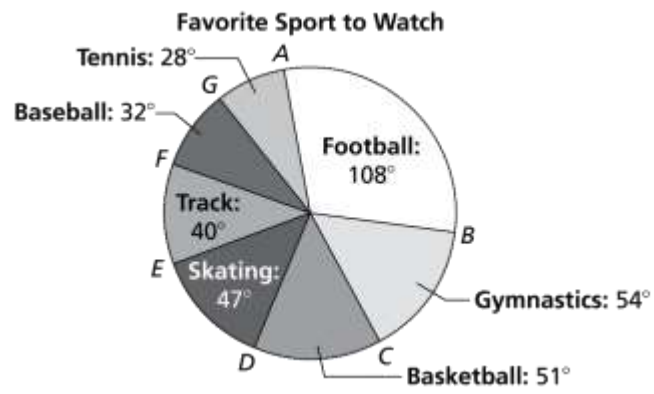
HW10.2 Finding Arc Measurements

In Exercises 1–4, identify the given arc as a *major arc*, *minor arc*, or *semicircle*. Then find the measure of the arc.

1. NM
2. JLM
3. NLK
4. LMN



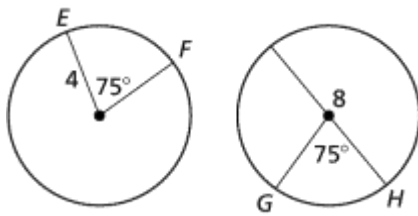
5. A recent survey asked high school girls to name the sport they like to watch the most. The results are shown in the circle graph. Find each indicated measure.



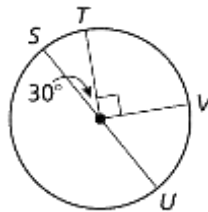
- a. mFG
- b. $mEGB$
- c. mDB
- d. $mACE$

In Exercises 6 and 7, tell whether the given arcs are congruent. Explain why or why not.

6. EF and GH



7. STV and UVT



8. Each wheel shown is divided into congruent sections. Find the measure of each arc.

