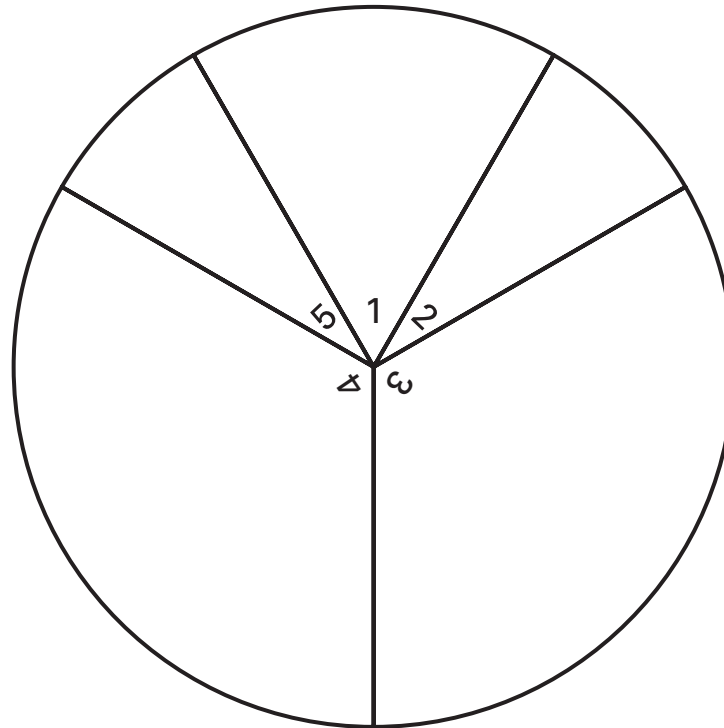


**Activity Lesson Opener**

For use with pages 109–116

**SET UP:** Work with a partner.**YOU WILL NEED:** • scissors

1. Cut out the circle below. Cut the circle along the lines, so that you have five angles.



2. Place  $\angle 1$  so that its vertex is at the corner of your paper. Use the fact that the corner is a right angle to find an angle that is complementary to  $\angle 1$ .
3. Find a different angle that is complementary to  $\angle 1$ . How does this angle compare to the angle you found in Question 2?
4. Place  $\angle 1$  so that one of its sides lies along the edge of your paper. Find an angle that is supplementary to  $\angle 1$ .
5. Find a different angle that is supplementary to  $\angle 1$ . How does this angle compare to the angle you found in Question 4?