



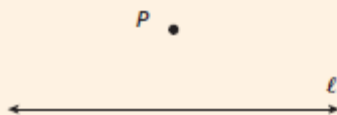
Construct Parallel Lines

In Lesson 3-3, you learned one method of constructing parallel lines using a compass and straightedge. Another method, called the rhombus method, uses a property of a figure called a *rhombus*, which you will study in Chapter 6. The rhombus method is shown below.

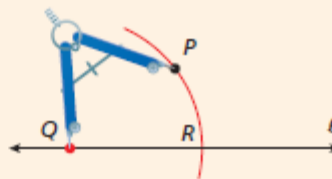
Use with Lesson 3-3

Activity 1

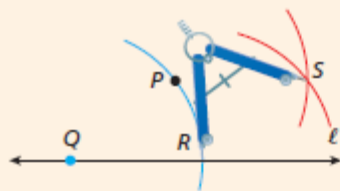
- 1 Draw a line ℓ and a point P not on the line.



- 2 Choose a point Q on the line. Place your compass point at Q and draw an arc through P that intersects ℓ . Label the intersection R .



- 3 Using the same compass setting as the first arc, draw two more arcs: one from P , the other from R . Label the intersection of the two arcs S .



- 4 Draw $\overleftrightarrow{PS} \parallel \ell$.

