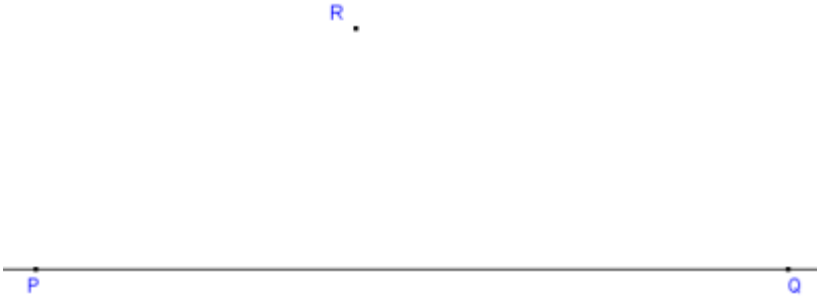
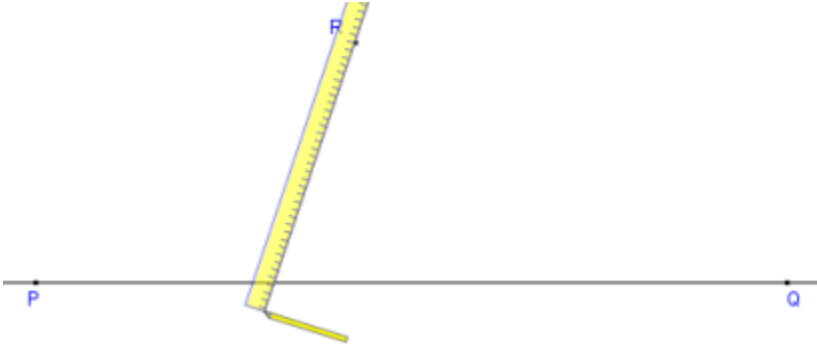
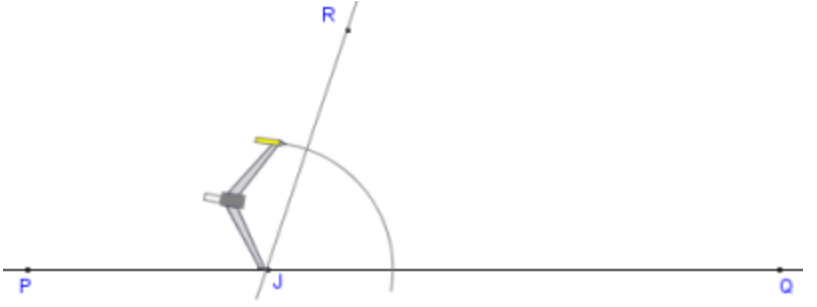
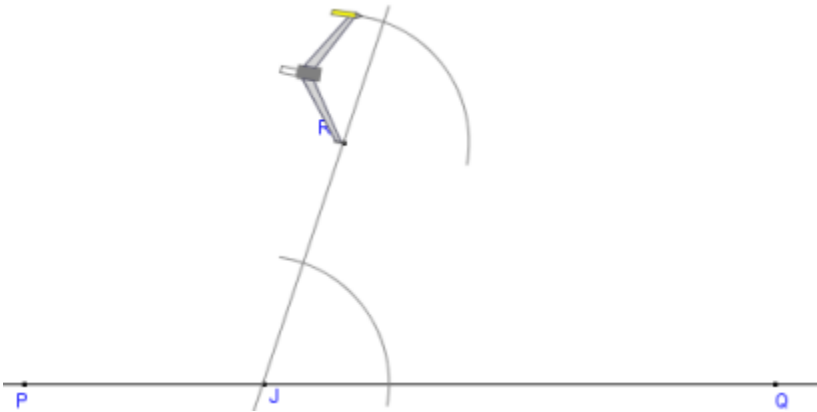
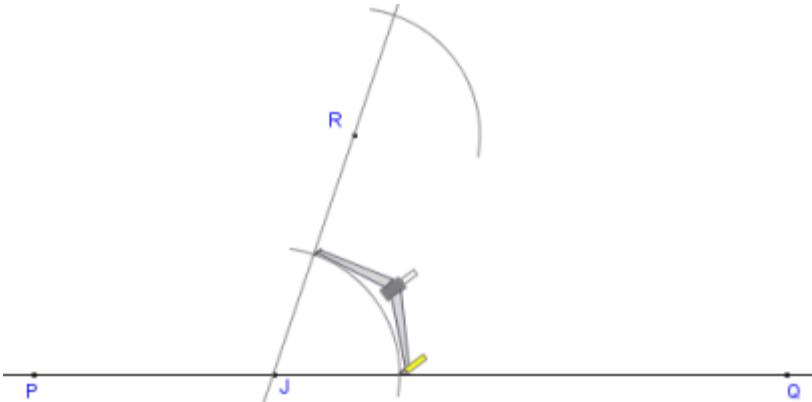
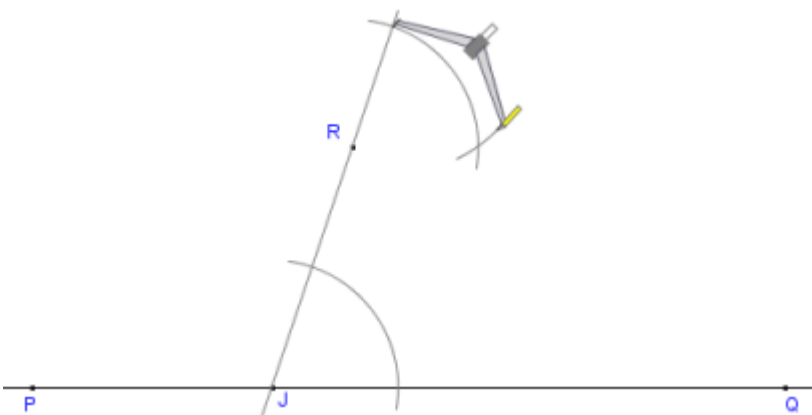
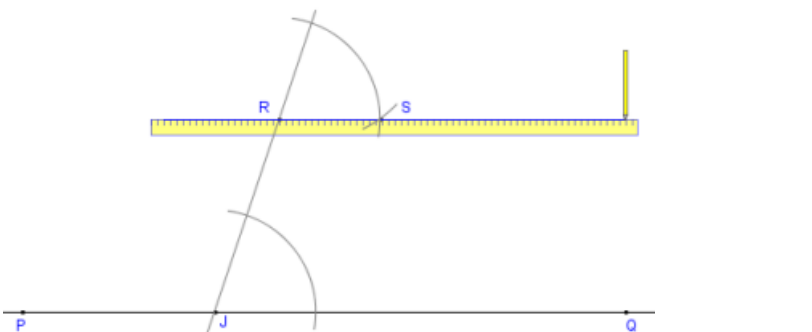


Parallel lines given a point not on the line

After doing this	Your work should look like this
<p>Start with a line PQ and a point R off the line.</p>	 <p>A horizontal line with endpoints P and Q. A point R is marked above the line.</p>
<p>1. Draw a line through R and across the line PQ at an angle, forming the point J where it intersects the line PQ. The exact angle is not important.</p>	 <p>A horizontal line PQ is shown. A line is drawn through point R, intersecting line PQ at point J. A yellow ruler is used to draw this line.</p>
<p>2. With the compasses' width set to about half the distance between R and J, place the point on J, and draw an arc across both lines.</p>	 <p>The diagram shows the horizontal line PQ and the intersecting line. A compass is positioned at point J, and an arc is drawn that crosses both lines. Point R is also labeled on the intersecting line.</p>
<p>3. Without adjusting the compasses' width, move the compasses to R and draw a similar arc to the one in step 2.</p>	 <p>The diagram shows the horizontal line PQ and the intersecting line. A second arc is drawn, centered at point R, with the same radius as the arc in step 2. This arc intersects the intersecting line at a point that is vertically aligned with point J on line PQ.</p>

After doing this	Your work should look like this
<p>4. Set compasses' width to the distance where the lower arc crosses the two lines.</p>	
<p>5. Move the compasses to where the upper arc crosses the transverse line and draw an arc across the upper arc, forming point S.</p>	
<p>6. Draw a straight line through points R and S.</p>	
<p>Done. The line RS is parallel to the line PQ</p>	