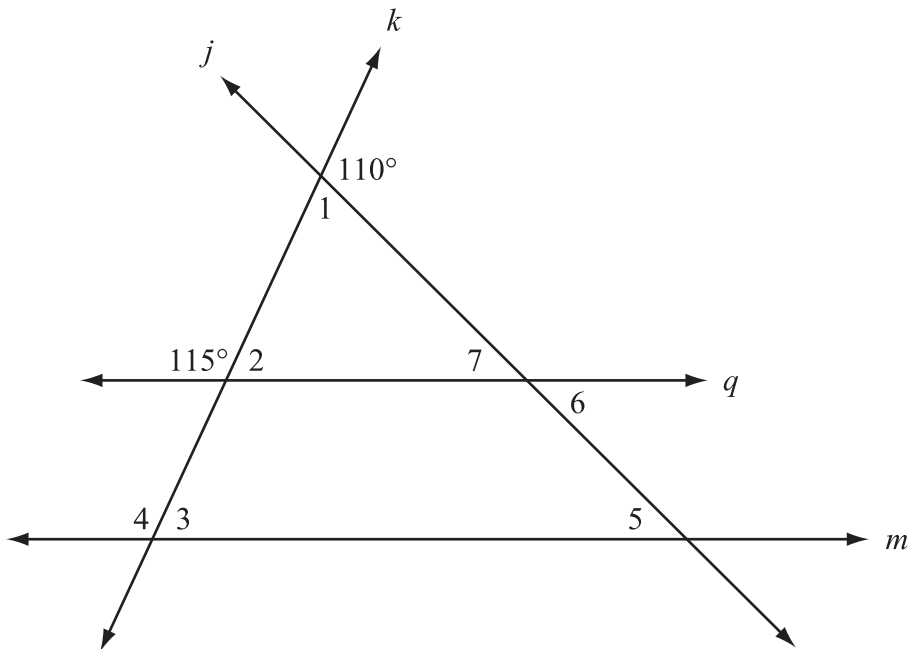


Write your answer to question 42 in the space provided in your Student Answer Booklet.

- 42 Parallel lines  $q$  and  $m$  are cut by transversal lines  $j$  and  $k$ . The lines, and the measures of some of the angles created by the intersections of the lines, are shown in the diagram below.



- What is the measure, in degrees, of  $\angle 1$ ? Show or explain how you got your answer.
- What is the measure, in degrees, of  $\angle 3$ ? Show or explain how you got your answer.
- What is the measure, in degrees, of  $\angle 5$ ? Show or explain how you got your answer.
- What is the measure, in degrees, of  $\angle 6$ ? Show or explain how you got your answer.