

Teacher Document for Angle and Perpendicular Bisector Activity

The activity can be completed by the students either individually or in pairs, or as a teacher demonstration.

Perpendicular Bisector

The first page of the document is to give the student practice in dragging a point to change the triangle from acute, to right, and to obtuse. It is necessary the student can manipulate the triangle in order to make the correct observations.

Students can answer the questions in the .tns file or on the worksheet document.

If students have difficulty with creating the constructions a circle has been constructed at the end of the document. The students can manipulate the triangle and observe the circle circumscribes the triangle.

Angle Bisector

The first page gives the student practice in dragging a point to change the triangle from acute, to right, and to obtuse. Students can answer the questions in the .tns file or on the worksheet document. Again the circle has been constructed in case the student has difficulty with the construction.