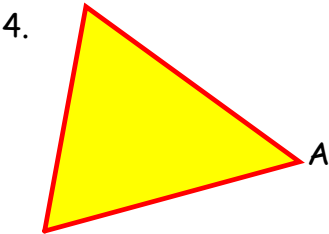
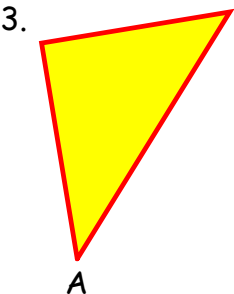
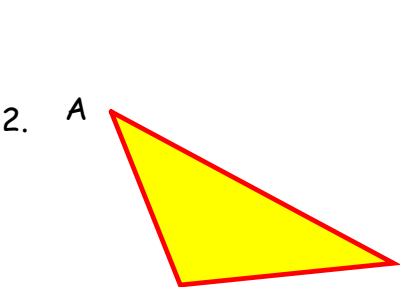
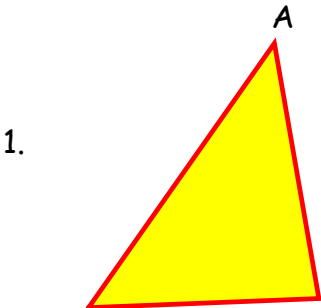
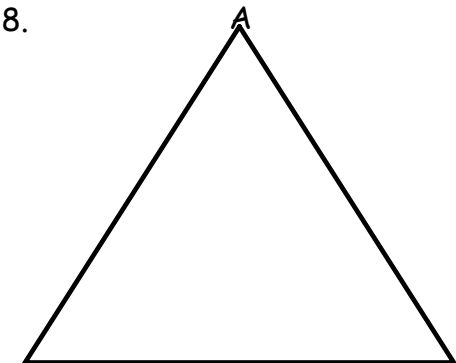
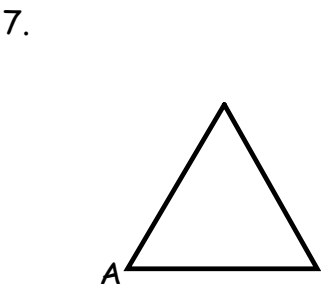
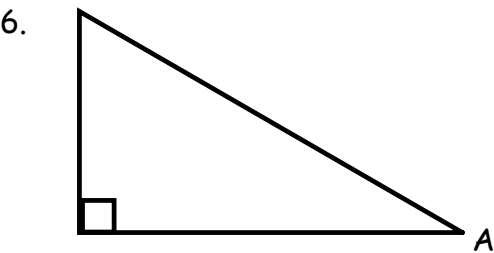
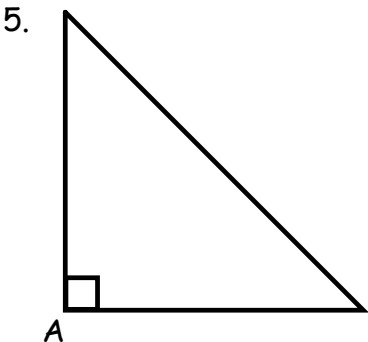


Construct the altitude from vertex A, in each triangle.



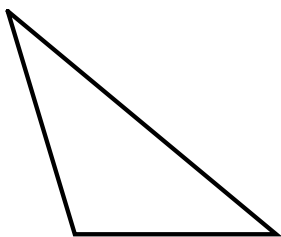
Measure side lengths and classify each triangle with the most precise name possible. Then, construct the altitude from vertex A. Label the point of intersection, on the opposite side, point M.



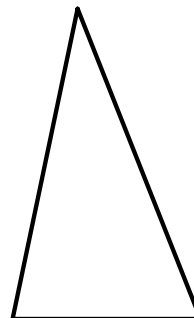
Name: _____ Table #: _____ Date: _____

Find the Orthocenter of each triangle and label it O .

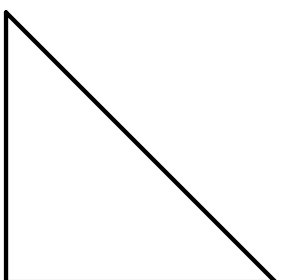
9.



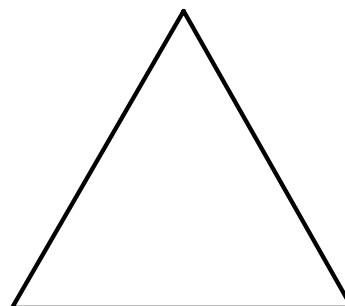
10.



11.

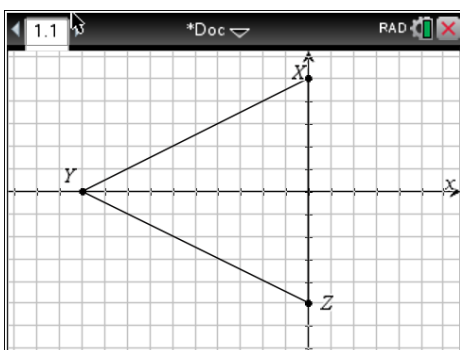


12.



13. Is the altitude ever a bisector? _____ If so, in which triangle(s) _____

14.



Find the coordinates of the Orthocenter, algebraically.

Place the Orthocenter on the graph, label it O .