* Can a right triangle be scalene, isosceles, or equilateral? Why or why not? What are the advantages and disadvantages of classifying triangles by sides or angles?
* Describe the relationship between a triangle’s centroid and orthocenter. Do they need to be inside the triangle?
* How would you explain the difference between angle-angle-side, angle-side-angle, and side-angle-side to a classmate who thinks the letters look alike?