

Handout #1

The following homework problem was given to two different geometry classes. Students in each class were similar in terms of demographics and academic background. The problem was given for homework, and students had experience in proving theorems and geometric properties to be successful on the problem.

Respond with justification to the following:

“In an isosceles triangle, a median divides the triangle into two regions of equal area.”

Work on it individually for about 5 – 10 minutes. If you think you’re done, think harder or try a new perspective.