

Assignment 11: Due Mon Oct 30th

Using properties of integrals and geometry, find the following integral. You can use graphing software to assist in creating a sketch of a graph, AND you can use the graph to justify your answer in this problem, as long as you clearly label all shapes and their side lengths.

$$\int_{-1}^9 |2x - 6| - |x| + 1 \, dx$$