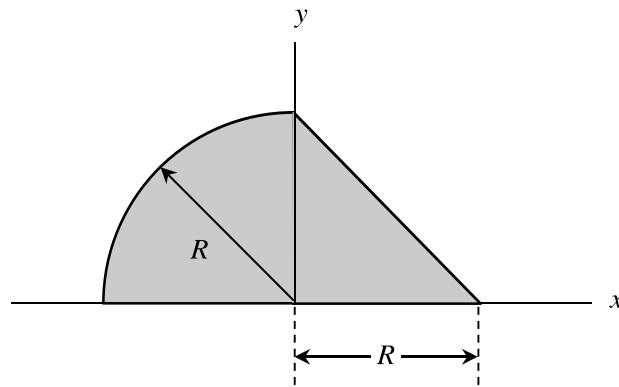*Homework H13.A*

Given: The area in the figure.

Find: Using the composite section method, determine the area, and the *x*- and *y*-components for the location of the centroid of the area.. Leave you answers in terms of *R*.

Fig. PH13A.M270

Given: Shaded area below made up of a set of two offset semi-circular regions.

Find: Using the method of composite sections, determine the area, and the *x*- and *y*-components for the location of the centroid of the area.. Leave you answers in terms of *R*.

Fig. PH13B.M270