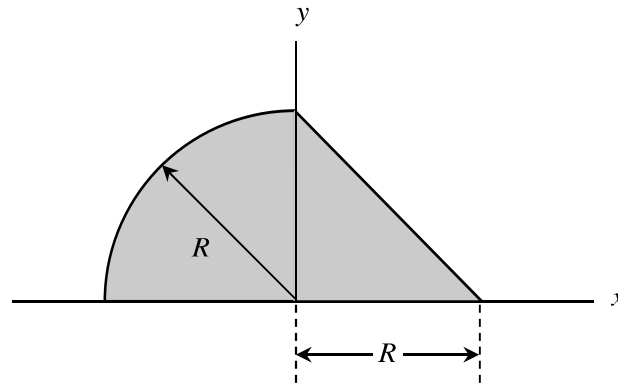


**Homework H13.A**

**Given:** The shaded 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  $R$ .



**Homework H13.B**

**Given:** The shaded 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  $t$ .

