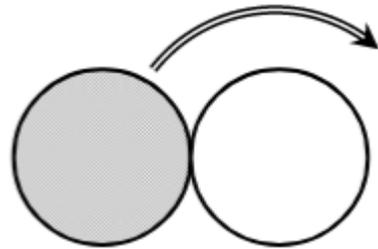


4. (SCMO2020R2Q3) As shown in the figure below, we have two circles of the same size. If the white circle is fixed in place and the shaded circle rolls around the white circle, by the time it completes one full rotation around the white circle, the area swept over by the shaded circle is _____ times of the area of the white circle.



5. (SCMO2020R2Q10) As shown in the figure below is a symmetrical shape consisting of three squares and one rectangle. If the area of the rectangle is 180 and the area of the biased square at the center is 54, what is the sum of the area of the two squares on the left and right?

