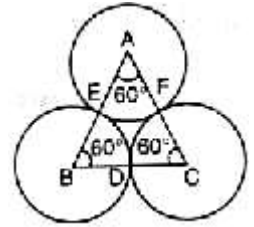


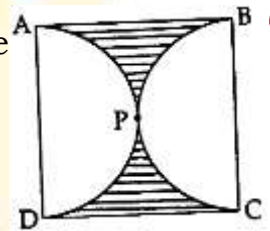
Areas Related to Circles : Worksheet -8

1. Shown in the figure. In an equilateral triangle of side 12cm, a circle is inscribed touching it's sides. Find the area of the portion of the triangle not included in the circle.

Take $\sqrt{3}=1.73$, and $\pi = 3.14$.



2. Find the area of the shaded region if ABCD is a square of side 14cm and APD and BPC are semicircles.



3. Find the area of the shaded region in the given figure, where

ABCD is a square of side 10 cm and semicircle are drawn with each side of the squares as diameter. ($\pi = 3.14$)

