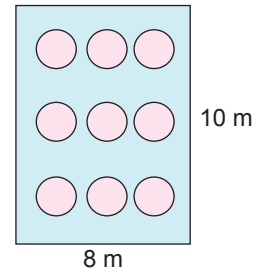
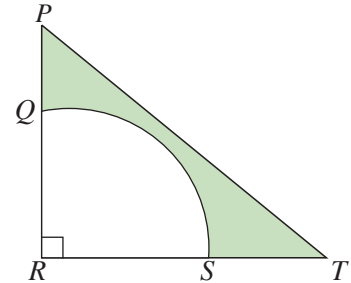


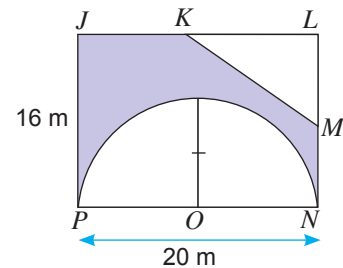
2. The diagram shows a dining hall measuring 10 m long and 8 m wide. It is laid with nine circular carpets, each has a diameter of 200 cm. Calculate the area that is not covered by the carpet in square metres.



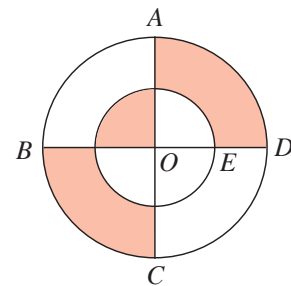
3. The diagram shows a right-angled triangle, PRT . R is the centre for the quadrant. Given $RS = 14$ cm, $ST = 10$ cm and $PQ = 4$ cm. Calculate the perimeter of the shaded area in cm.
(Use $\pi = \frac{22}{7}$)



4. The diagram shows a rectangular piece of land owned by Encik Rashid. Encik Rashid divided his land into 3 parts. The first part is a triangle KLM . K is the midpoint of JL and M is the midpoint of LN . The second part is a semicircle. Encik Rashid intends to plant vegetables in the first and second part. Calculate the area that is not planted with vegetables. (Use $\pi = 3.142$)



5. Kevin wants to build a dartboard. The dartboard consists of two circles centred at O and three shaded regions as in the diagram. The diameters BOD and AOC are perpendicular to each other. Given $OE = ED = 10$ cm. Calculate the area of the shaded regions in cm^2 . (Use $\pi = \frac{22}{7}$)



6. In a museum there is a round window decorated with circular rings of the same size as in the diagram. The radius of the window is 45 cm. Calculate the area that is not covered by the decoration. (Use $\pi = 3.142$)

