CHAPTER II - PERIMETER AND AREA

81. Find the area of the shaded region in the following quadrants.

(a) (b)

82. Find the area of the shaded region in each case.

(a) (b) (c) (d) (e) (f)

83. A piece of wire is bent into the shape of an equilateral \( \triangle \) of side 6.6 cm. It is rebent to form a circular ring. Find the diameter of the ring.

84. Find the perimeter of a rectangular swimming pool whose length is 22 m and area is 352 m\(^2\).

85. Find the ratio of radii of two circles whose circumference are in the ratio 3:5.

86. What is the ratio of areas of squares of sides 3 cm and 4 cm?
87. The perimeter of both square and 

81. Name any 5 objects around you that have 
   (a) only one vertical line of symmetry 
   (b) only one horizontal line of symmetry 
   (c) Four lines of symmetry. 
   (d) three lines of symmetry. 
   (e) No line of symmetry. 

82. Write clearly all those capital letters of 
   English which have 
   (a) only vertical line of symmetry 
   (b) only horizontal line of symmetry 
   (c) both vertical and horizontal lines of 
       symmetry. 
   (d) no line of symmetry. 
   (e) order of rotation 1 
   (f) order of rotation 2 
   (g) order of rotation 4 
   (h) reflectional symmetry about a vertical 
       mirror. 
   (i) reflectional symmetry about a horizontal 
       mirror. 
   (j) reflectional symmetry about both vertical 
       and horizontal mirrors. 

83. State the number of lines of symmetry 
   for the following figures. 
   (a) scalene triangle. 
   (b) isosceles triangle. 
   (c) equilateral triangle. 
   (d) square. 
   (e) rectangle. 
   (f) rhombus. 
   (g) parallelogram. 
   (h) quadrilateral (irregular). 
   (i) pentagon. 
   (j) hexagon. 
   (k) circle.