11.6 Area of Regular Polygons

Equilateral Triangle

Square

Regular Polygon

1. Find the area of an equilateral triangle with side length of 10 cm.
2. Find the area of a regular hexa gon with an apthem of 9 cm.
3. Find the area of a regular pentagon with a perimeter of 50 ft.
4. Find the shaded area (OK to leave pi in answer)
5. Find the shaded area (round to the hundredths)