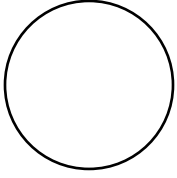
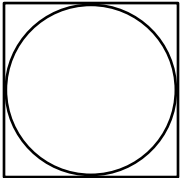


1. Find the area and circumference for a circle with a radius of 3. Leave answers in terms of π .

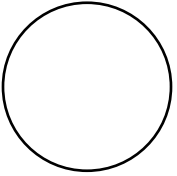


2. The circle is inscribed in the square. The area of the square is 100 ft^2 . Determine the area of the circle in terms of π .

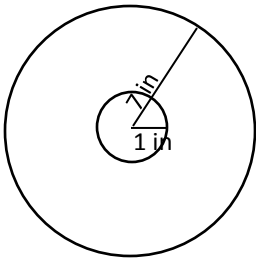


Round to the nearest tenth for problems 3-8.

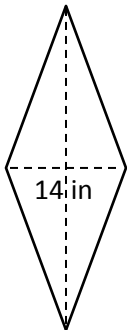
3. A circular table has an area of 20 ft^2 . Determine the radius of the table.



4. Given two circles with the same center and radii of 1 in and 7 in, determine the difference in the areas.



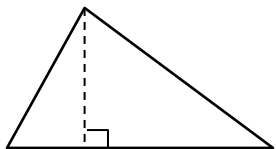
5. Given the area of rhombus is 336 in^2 and one diagonal is 14 inches. Determine the length of the other diagonal.



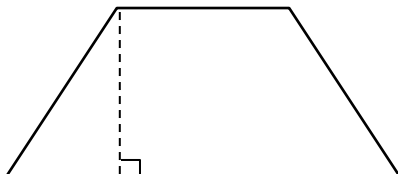
6. Given the perimeter of a rectangle is 72 and the base is 3 times the height, determine the area of the rectangle.



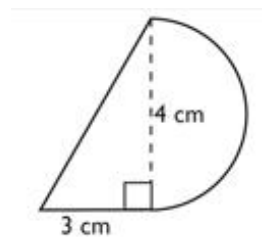
7. Given the area of a triangle is 50 cm^2 and the base is 4 times the height, determine the height of the triangle.



8. Given an isosceles trapezoid with a perimeter of 40 mm and bases with lengths of 11 mm and 19 mm, determine the area of the trapezoid.



9. Determine the area of the composite in terms of π .



10. Find the shaded area rounded to the nearest hundredth.

