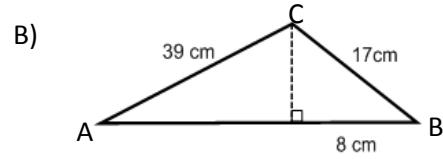
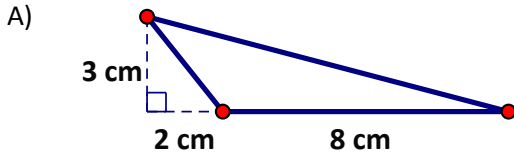
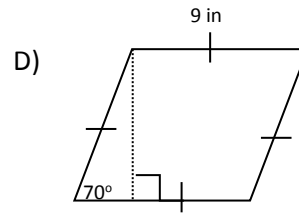
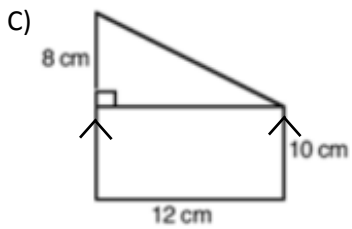


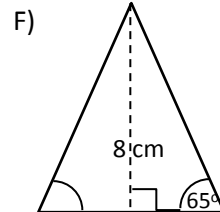
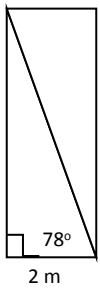
1. Find the area of the given figures to the nearest tenth:



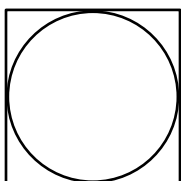
2. Find the area and perimeter of the given figures to the nearest tenth:



E) Rectangle

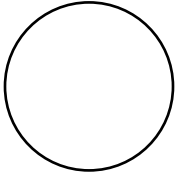


3. The circle is inscribed in the square. The area of the square is  $100 \text{ ft}^2$ . Determine the area of the circle in terms of  $\pi$ .

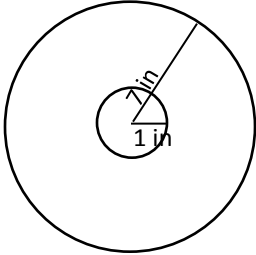


**Round to the nearest tenth for problems 4-9.**

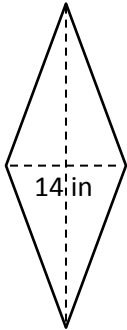
4. A circular table has an area of  $20 \text{ ft}^2$ . Determine the radius of the table.



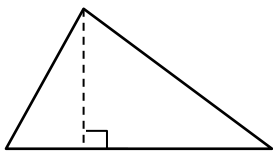
5. Given two circles with the same center and radii of 1 in and 7 in, determine the difference in the areas.



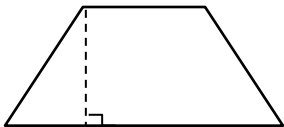
6. Given the area of rhombus is  $336 \text{ in}^2$  and one diagonal is 14 inches. Determine the length of the other diagonal.



7. Given the area of a triangle is  $50 \text{ cm}^2$  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. Find the shaded area in terms of  $\pi$  and rounded to the nearest hundredth.

