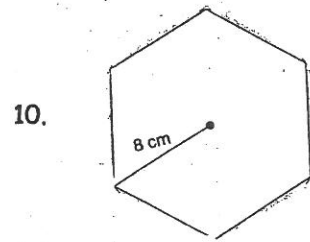
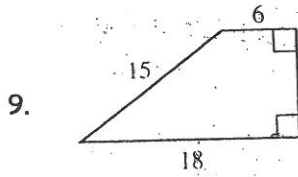
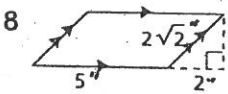
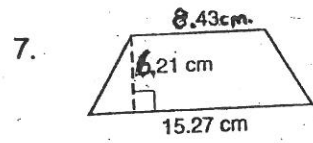
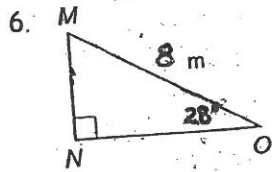
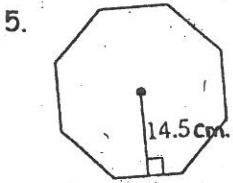
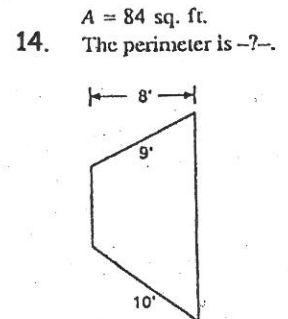
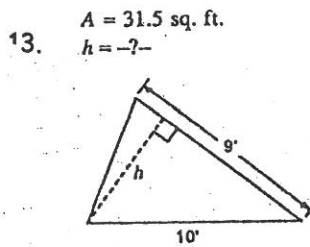
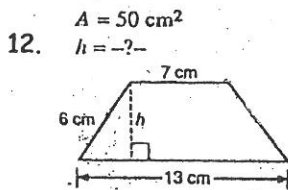
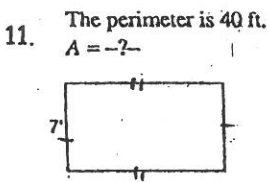


- Describe what the area of a shape is in your own words:
- The units on your answer when calculating area should always be _____.
- The area of a square with sides of 13 cm is _____.
- The area of a square with a diagonal of $9\sqrt{2}$ inches is _____.

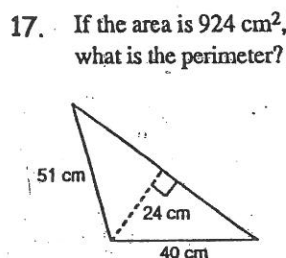
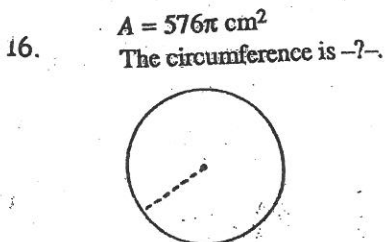
#5-10, Calculate the area of each shape.



#11-17, Find the missing part



15. A rhombus has an area of 26.986 cm^2 . If one diagonal measures 11.6 cm, find the length of the other diagonal.



18. Aunt Teak is ready to have wall-to-wall carpeting installed. The carpeting she has selected costs \$14 per square foot, the padding is \$3 per square foot, and the installation is \$3 per square foot. What will it cost Aunt Teak to carpet the three bedrooms and hallway shown in the diagram on the right? (Ignore the thickness of the walls.)

