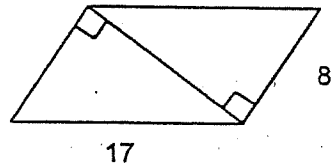
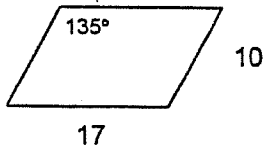
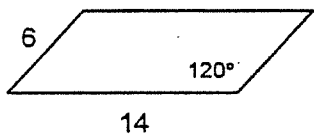


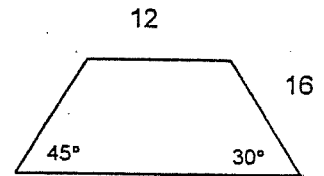
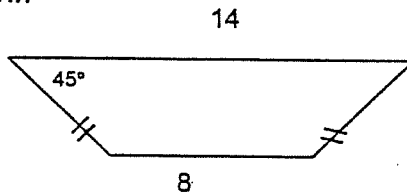
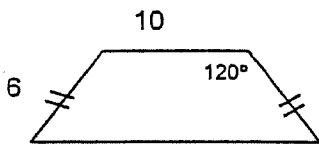
Geometry (H)
Chapter review of Areas

Name: _____

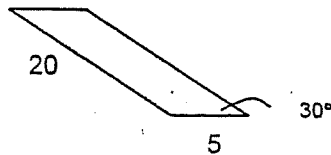
- In a triangle a base and its altitude are in a ratio 3:2. The area is 48. Find the base and altitude.
- Find the area of a triangle whose sides are 25, 25, and 14.
 - Find the area of a right triangle whose legs are 9 and 40.
 - Find the area of an isosceles right triangle with hypotenuse 18.
- Find the area of an equilateral triangle of 45 meters perimeter.
- Find the area of each parallelogram as marked.



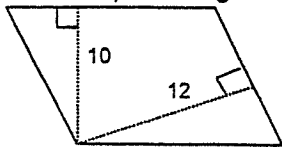
- Find the area of each trapezoid below.



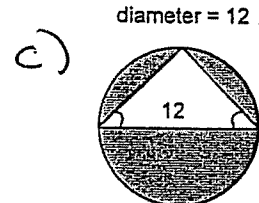
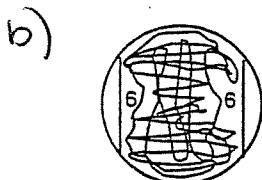
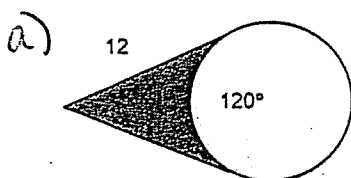
- Find the area of a trapezoid whose sides are 10, 12, 10, and 28.
- Find the area of the parallelogram.



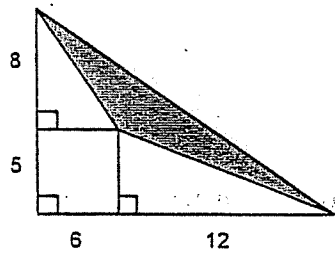
- The perimeter of the parallelogram is 154. Find the area.



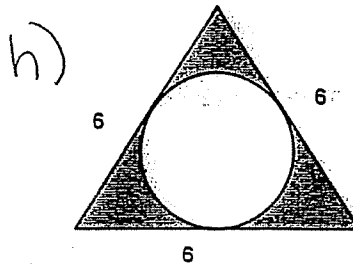
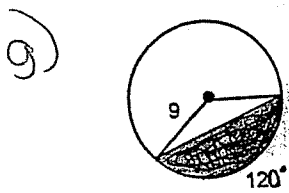
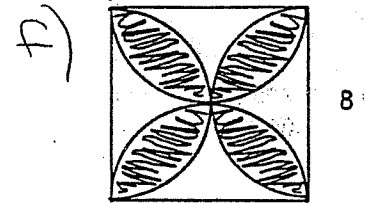
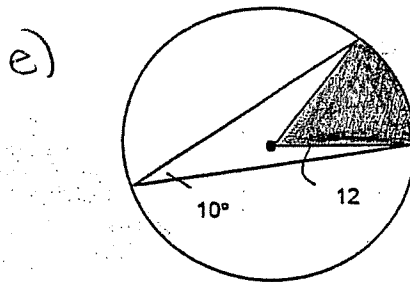
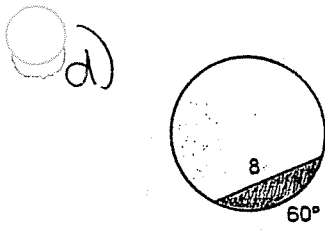
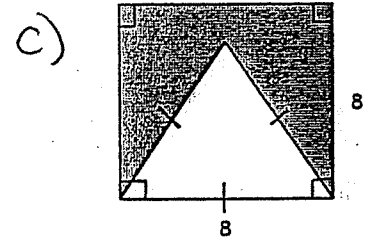
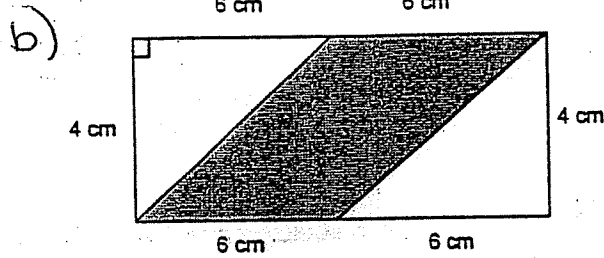
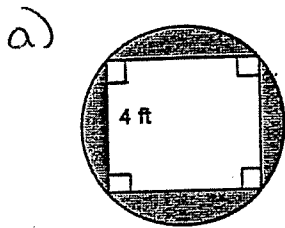
- Find the area of each shaded region.



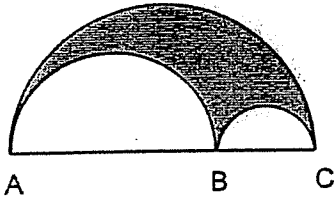
20. Find the area of the shaded triangular region.



21. Find the area of the shaded regions.



23. Find the ratio of the shaded area to the entire area if the region is formed by 3 semicircles and $AB:BC = 2:1$.



26. Find the area of $\triangle ABC$. Explain your method and label your work!

