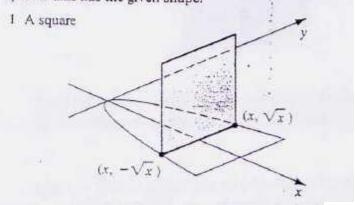
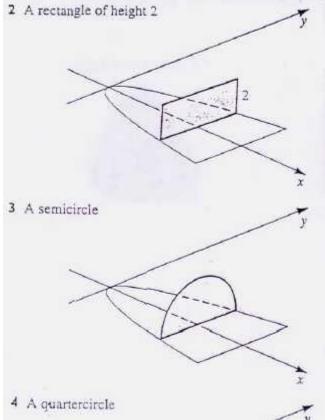
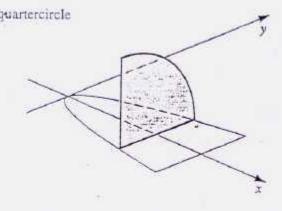
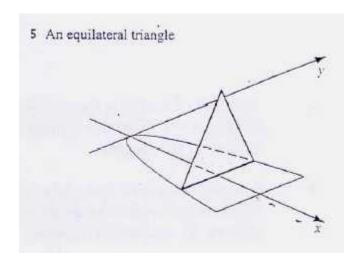
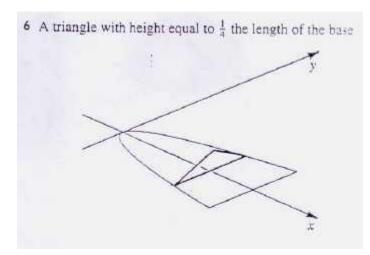
Exer. 1-8: Let R be the region bounded by the graphs of  $x = y^2$  and x = 9. Find the volume of the solid that has R as its base if every cross section by a plane perpendicular to the x-axis has the given shape.











7 A trapezoid with lower base in the xy-plane, upper base equal to  $\frac{1}{2}$  the length of the lower base, and height equal to  $\frac{1}{4}$  the length of the lower base

