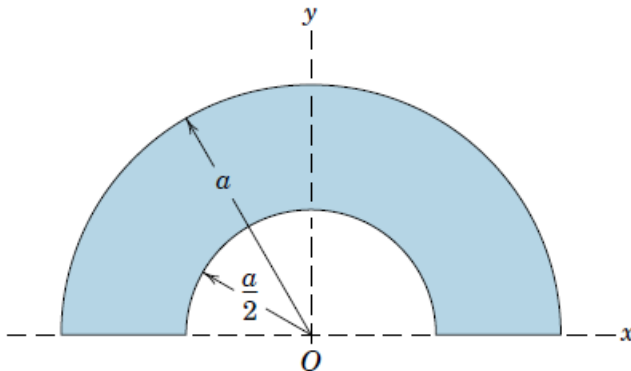## Session: 10

1. Determine the Polar moment of inertia of the shaded area about the point 'O'.

2. Determine the percent reductions in both area and area moment of inertia about the y-axis caused by removal of the rectangular cut-out from the rectangular plate of base b and height h.