

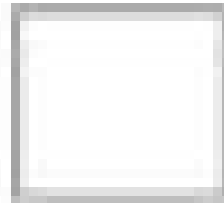
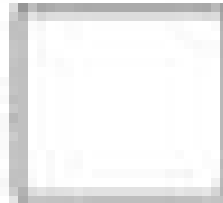
## Mathematics (Engineering Worksheet 1)

Question:

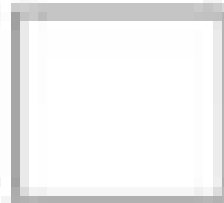
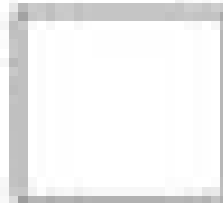
Using the parallel axis

theorem find:

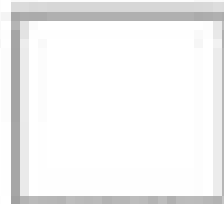
Area of rectangle of mass



Area of rectangle of mass



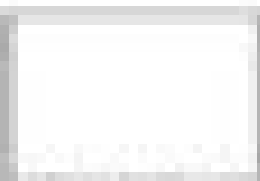
Area of rectangle of mass



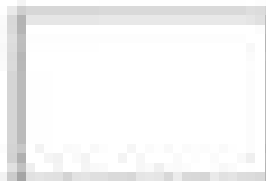
Using the parallel axis theorem find the moment of inertia



Area of rectangle



Area of rectangle



Area of rectangle

