

**Task # 1: Perimeter & Area**

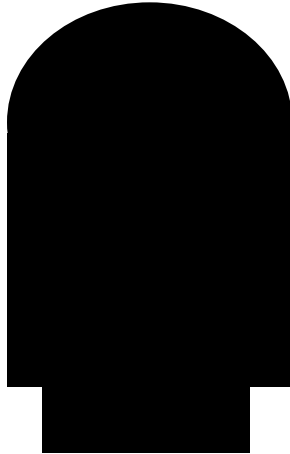
- a) Find the shape on the second floor as illustrated in the diagram below:



- b) Using measuring devices, find the perimeter of each of the contours of the shape. Label the diagram as you work. Show your calculations. (3 marks)
- c) Using techniques shown in class, dissect the composite shape into more familiar shapes (i.e. rectangles, circles, etc.) and calculate the area. Show your calculations. Include a diagram if necessary. (3 marks)

**Task # 2: Perimeter & Area**

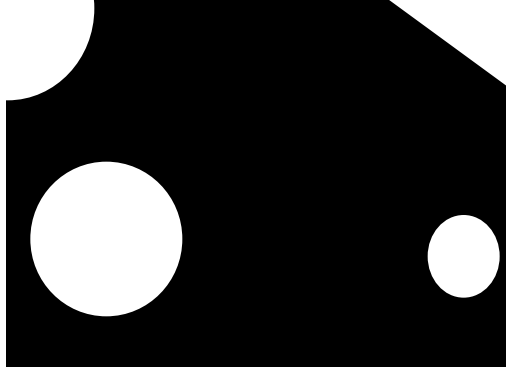
- a) Find the shape in the atrium floor as illustrated in the diagram below:



- b) Using measuring devices, find the perimeter of each of the contours of the shape. Label the diagram as you work. Show your calculations. (4 marks)
- c) Using techniques shown in class, dissect the composite shape into more familiar shapes (i.e. rectangles, circles, etc.) and calculate the area. Show your calculations. Include a diagram if necessary. (4 marks)

**Task # 3: Perimeter & Area**

- a) Find the shape in the atrium floor as illustrated in the diagram below:



The larger circle is the tree. The smaller circle is the supporting column (assume that it is completely inside composite shape. The shape ends at the second rosé line.

- b) Using measuring devices, find the perimeter of each of the contours of the shape. Label the diagram as you work. Show your calculations. (4 marks)
- c) Using techniques shown in class, dissect the composite shape into more familiar shapes (i.e. rectangles, circles, etc.) and calculate the area. Show your calculations. Include a diagram if necessary. (5 marks)

