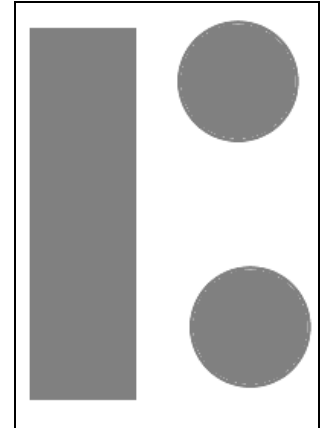# Efficient Cutting – Task Sheet

Your task is to cut out one rectangle and two circles from a single sheet of A4 paper to make a cylinder with the greatest possible volume.

We will assume that the dimensions of an A4 sheet of paper are 21cm and 29.6cm

At the end of the task, you will be expected to report back to the rest of the class with an explanation of what you did and a convincing justification that the cylinder you have found has the largest possible volume.