

Exercise 6: Object Rotations and Symmetry

November 2017

1 Introduction

This section requires you to draw on the sheet itself, so will be printed out for you. If you want to attempt these before the lab, feel free to print this yourself or draw out the original image and planes in the starting diagram on any grid paper you may have from previous labs.

2 Rotations and Symmetry

For the following diagrams, sketch the reflection of the object given by the specified plane. For some of the objects below, it is possible to rotate them 180 degrees about an axis to achieve the same image - where applicable, indicate which axis you could rotate them around by drawing it in.

After the first 12 images, the style of question changes slightly: you are to complete the diagrams which have already been started for you. For these questions, there is no need to indicate any rotation axes.













