Exercise 6: Rotations About 2 Axes

November 2017

1 Introduction

This lab is very similar to last week's lab, except now images can be rotated by more than one axis. There are two exercises to complete this lab, though the second set of exercises (Symmetry and Reflection) require that you draw over existing drawings. These have been printed out and photocopied for you and will be handed out in the lab so that you don't have to print them yourselves.

2 Drawing Rotations: Two Axes

For the following isometric images, draw out the isometric representation of the rotation of the object by the arrow codes shown.
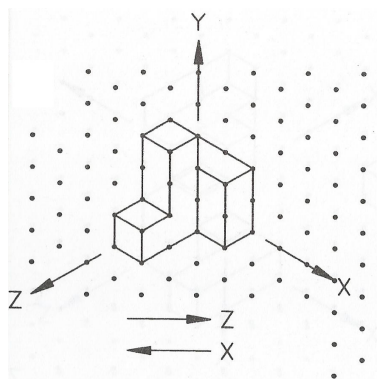
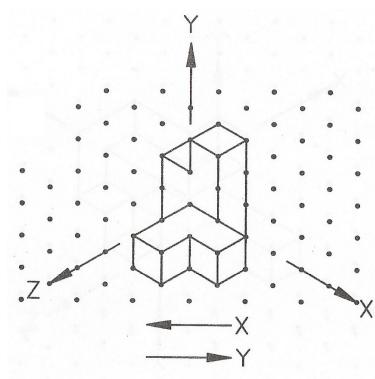Figure 1: draw an isometric representation of the rotations specified

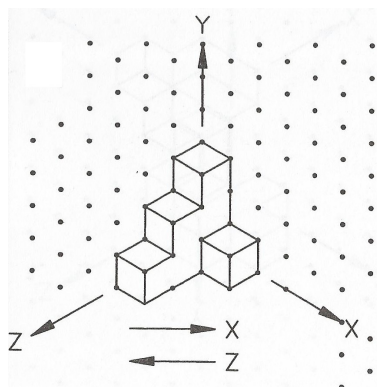Figure 2: draw an isometric representation of the rotations specified

Figure 3: draw an isometric representation of the rotations specified
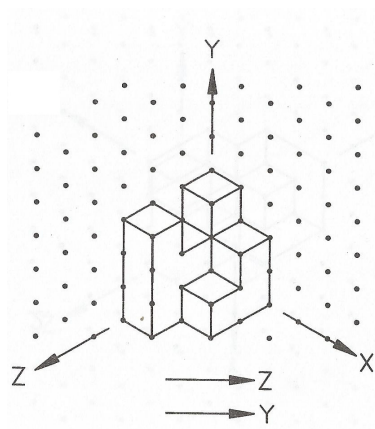

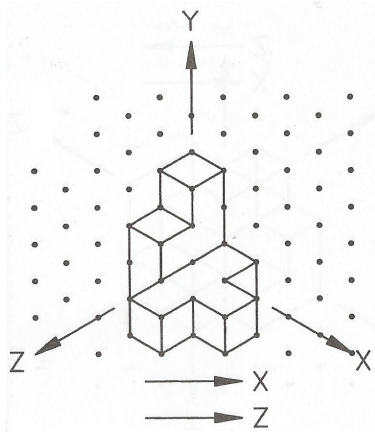Figure 4: draw an isometric representation of the rotations specified

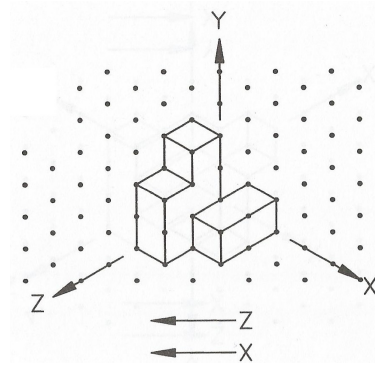Figure 5: draw an isometric representation of the rotations specified

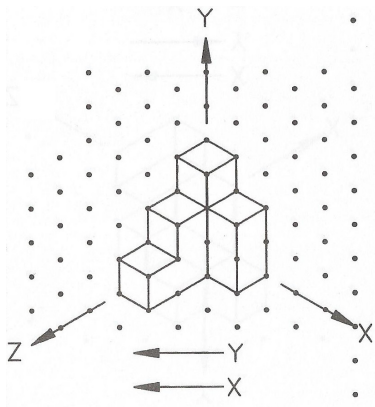Figure 6: draw an isometric representation of the rotations specified

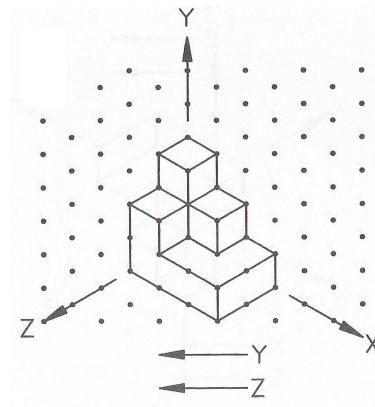Figure 7: draw an isometric representation of the rotations specified

Figure 8: draw an isometric representation of the rotations specified
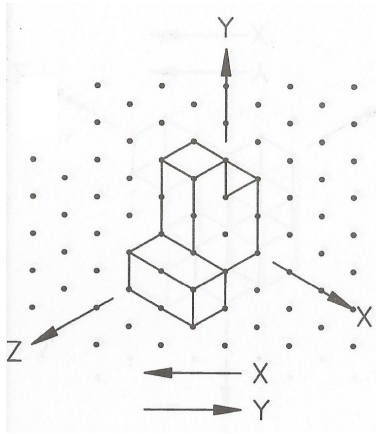
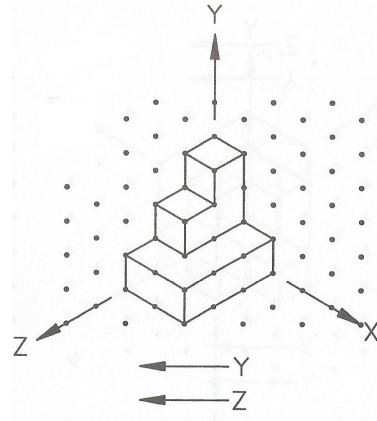Figure 9: draw an isometric representation of the rotations specified

Figure 10: draw an isometric representation of the rotations specified
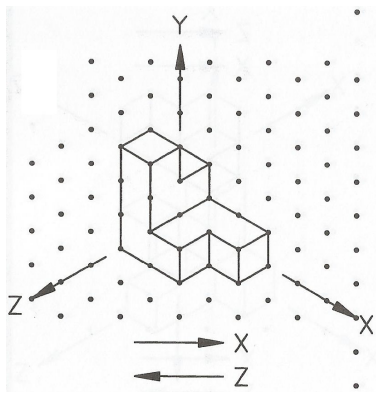

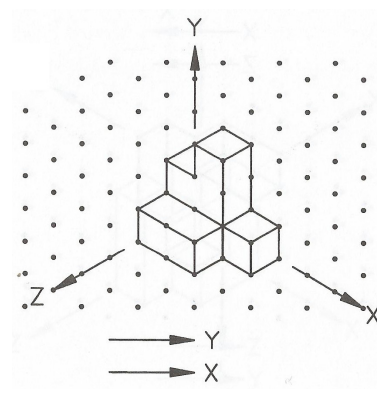Figure 11: draw an isometric representation of the rotations specified

Figure 12: draw an isometric representation of the rotations specified
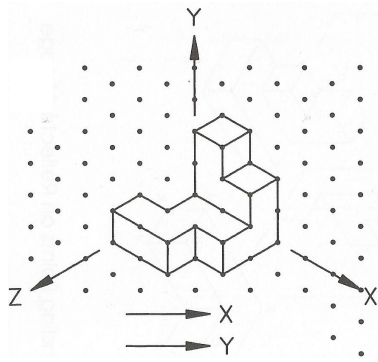
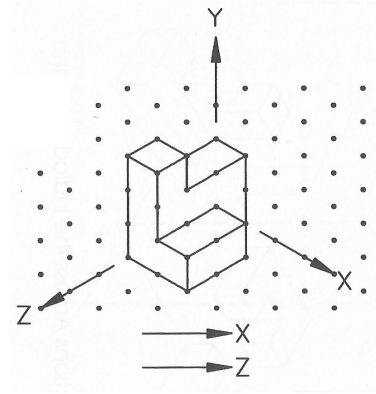Figure 13: draw an isometric representation of the rotations specified

Figure 14: draw an isometric representation of the rotations specified
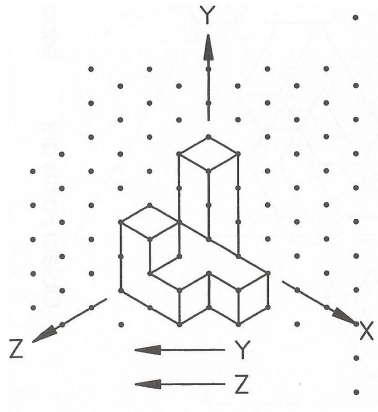
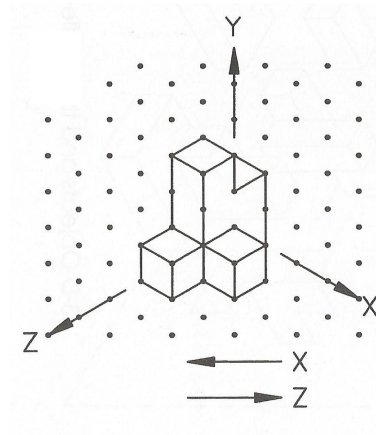Figure 15: draw an isometric representation of the rotations specified

Figure 16: draw an isometric representation of the rotations specified

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