ARTIFICIAL INTELLIGENCE 2.
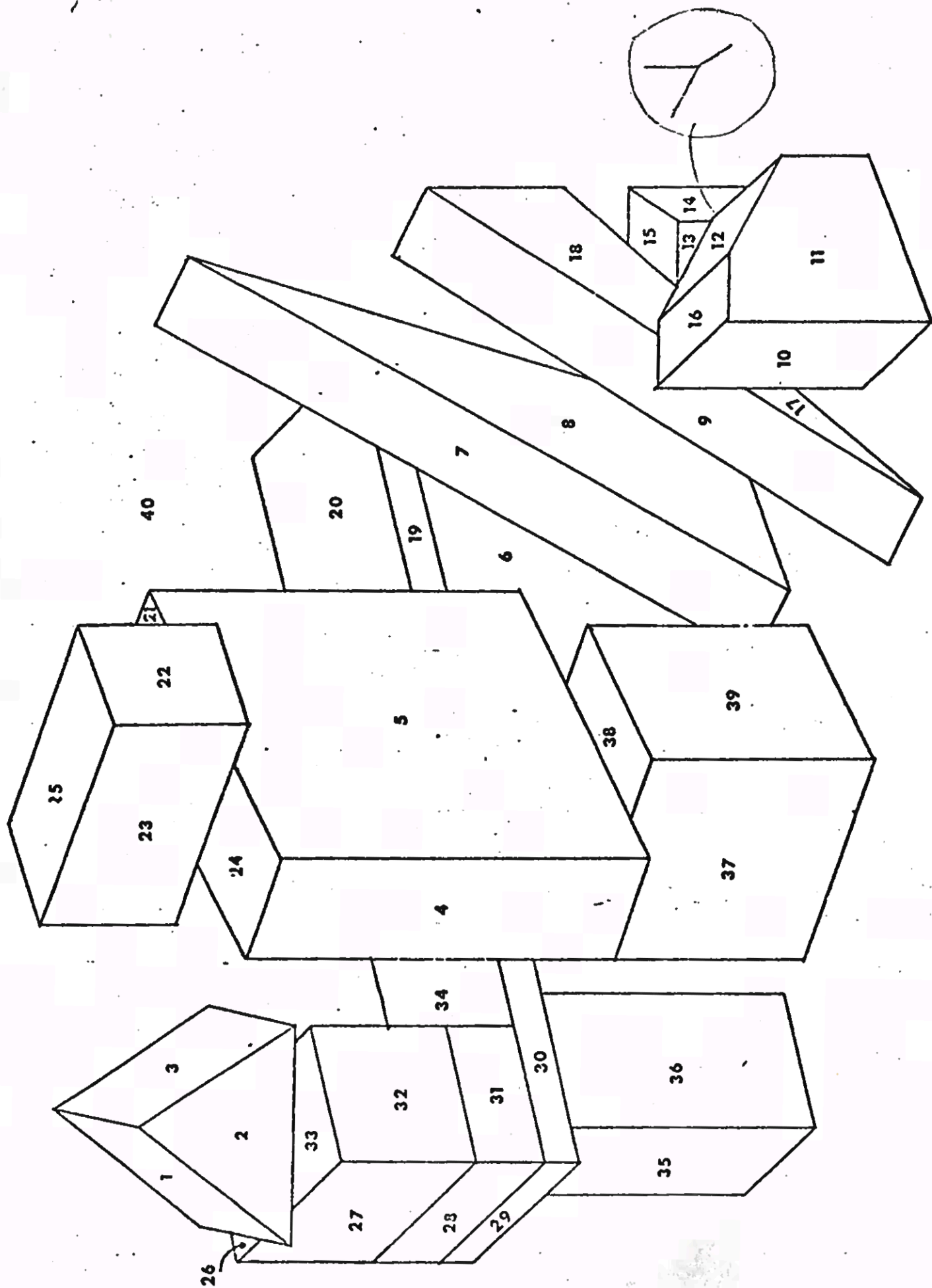
1985/1986

Vision Assignment 2

For week of 24 - 28 February 1986.

Apply Guzman's heuristic rules to the scene given below to segment it into separate bodies.

(1) In a diagram, represent each region by a node and show the strong and weak links between nodes.

(2) In a diagram, show nuclei formed by combining nodes connected by two or more strong links, repeating Step 2 until no further combining is possible.

(3) In a diagram, show nuclei formed by combining nodes connected by one strong and one weak link.

(4) In a diagram, show nuclei formed by combining with a nucleus a single region node joined by one strong link.

(5) Write down a list of bodies, identified as sets of regions.

See page 2 for scene.

J. HOWE.

MOMO

Assume 6 and 40 are background.