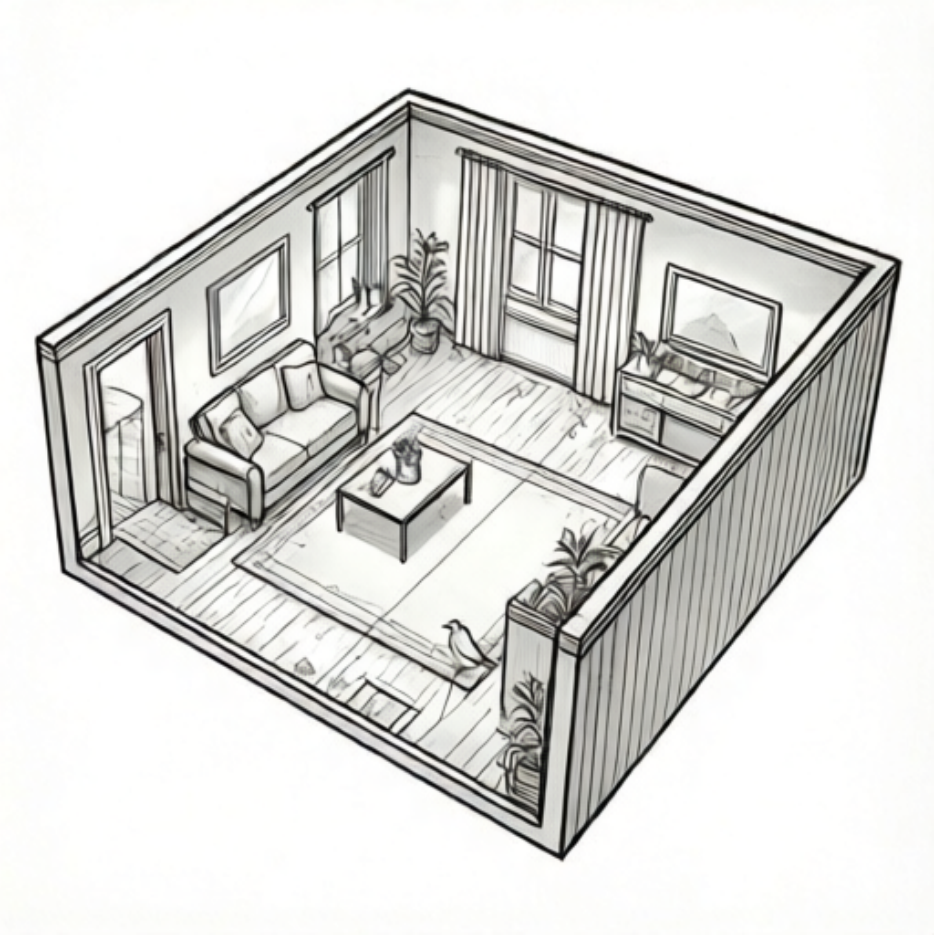
Bird's-Eye Room Map: Symbols, Footprints, and a Clear Key

Ordinary topic reference / separately checked pixels



Bird's-Eye Room Map: Symbols, Footprints, and a Clear Key

Original worked example / unchanged complete key

Prompt: A rectangular room is 4 m by 3 m. It has one door on the south wall and one window on the north wall. A bed footprint is 2 m by 1 m, a desk footprint is 1 m by 0.5 m, and a chair is a circle 0.5 m across. Draw a bird's-eye map with a key and labels. Use hypothetical values.

Answer: Draw a 4 m by 3 m rectangle. On the south wall, leave a gap for the door and draw a quarter-circle swing arc into the room. On the north wall, draw a double line for the window. Place the bed rectangle (2 m by 1 m) against the west wall, leaving the door swing clear. Place the desk rectangle (1 m by 0.5 m) against the east wall. Place the chair circle (0.5 m across) beside the desk. Write a key outside the room: gap with arc = door; double line = window; 2 by 1 rectangle = bed; 1 by 0.5 rectangle = desk; circle = chair. Label each footprint. Check: bed area 2 square metres, desk area 0.5 square metres, total furniture area 2.5 square metres; room area 12 square metres; remaining floor 9.5 square metres. Door swing area is clear.