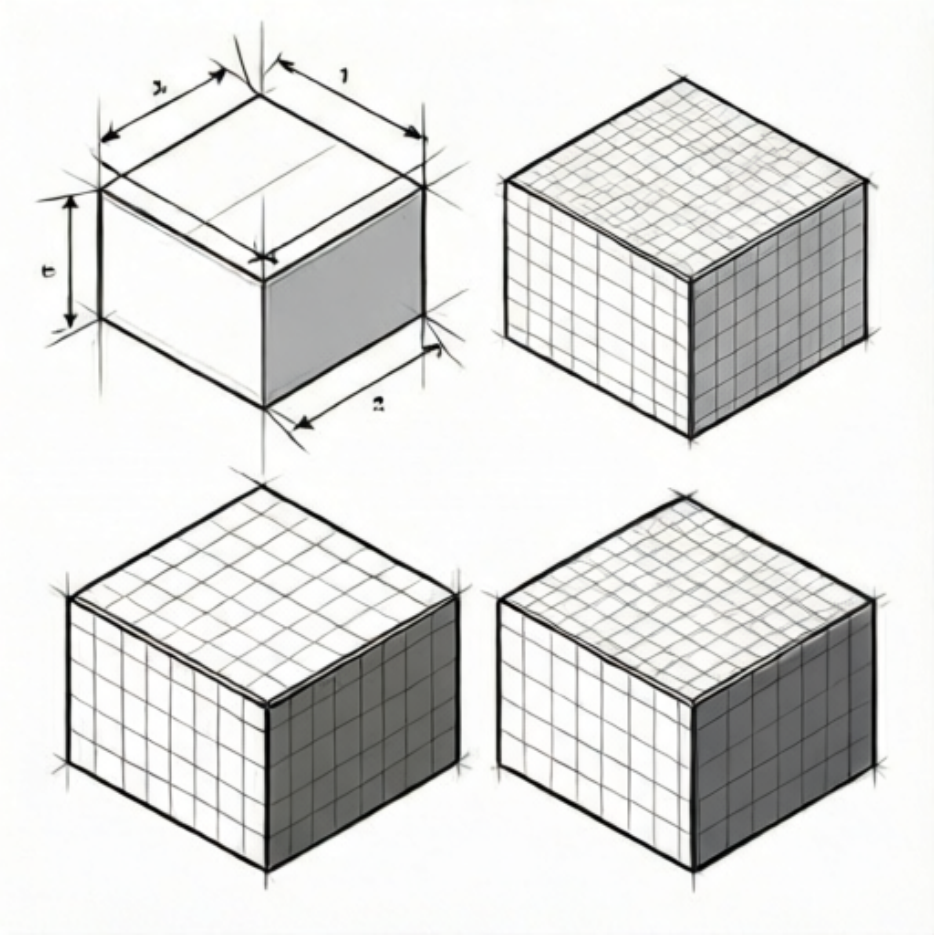
Isometric Product Drawing: Axis, Box Form, and Face Shading

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

Isometric Product Drawing: Axis, Box Form, and Face Shading

Worked example / complete source key

Construct an isometric box product with hypothetical width 6 cm, depth 4 cm, and height 3 cm. Use the convention top lightest, left medium, right darkest. Describe the construction and shading.

Answer: Draw a vertical axis and two 30-degree axes from an origin. Mark 6 cm along width and 4 cm along depth to form the top parallelogram. From each top corner, draw 3 cm vertical edges. Connect lower endpoints to complete left and right faces. Shade top lightest, left medium, right darkest. Check that opposite top edges match 6 cm and 4 cm, and each vertical edge measures 3 cm.