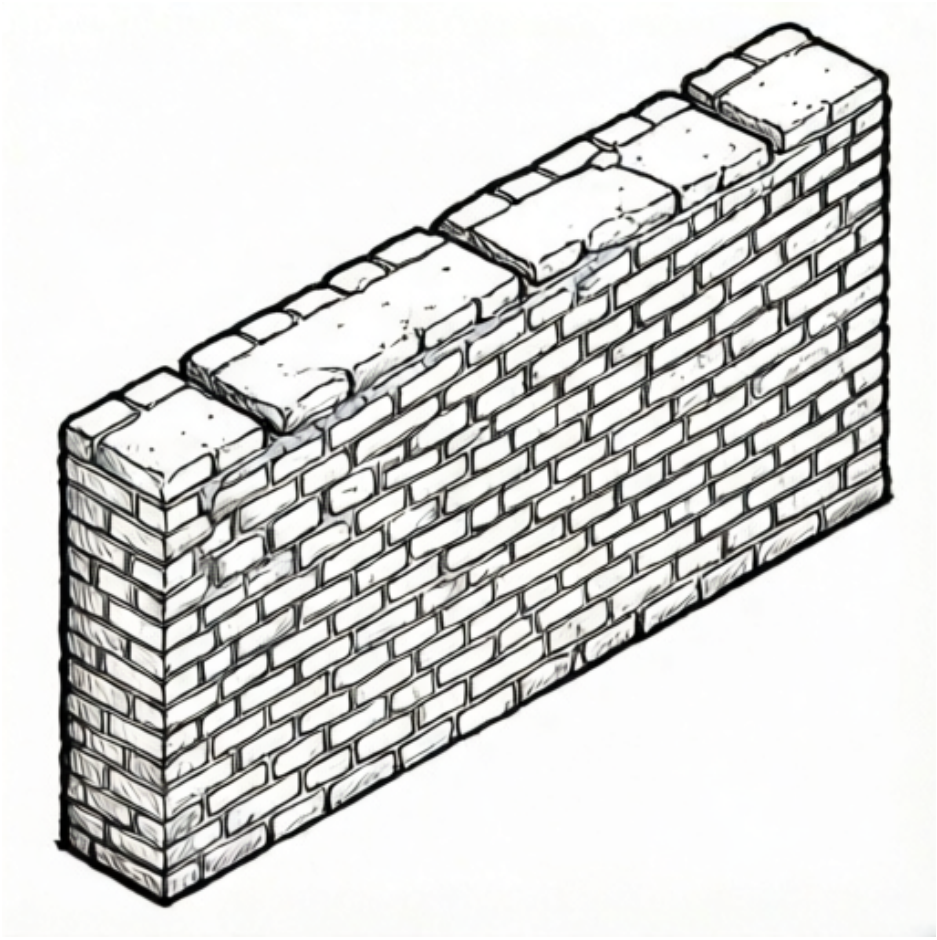
How to Draw an Isometric Brick Wall with Coursing and Mortar Joints

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.

How to Draw an Isometric Brick Wall with Coursing and Mortar Joints

Worked example / complete source key

Draw a three-course isometric wall section using a brick length of 20 mm, course height of 8 mm, and joint width of 2 mm. Course one starts with a full brick; course two starts with a half brick.

Answer: Set the origin and three axes. Draw three horizontal course lines 8 mm apart. On course one, mark 20 mm brick lengths from the left edge, leaving 2 mm gaps. On course two, begin with a 10 mm half brick, then continue 20 mm bricks with 2 mm gaps. On course three, repeat course one's full-brick start. Draw joint bands 2 mm wide along the length and vertical axes, add one thin depth line per joint, and darken final lines. Check that course two joints sit at midpoints of course one bricks and that three measured joints equal 2 mm.