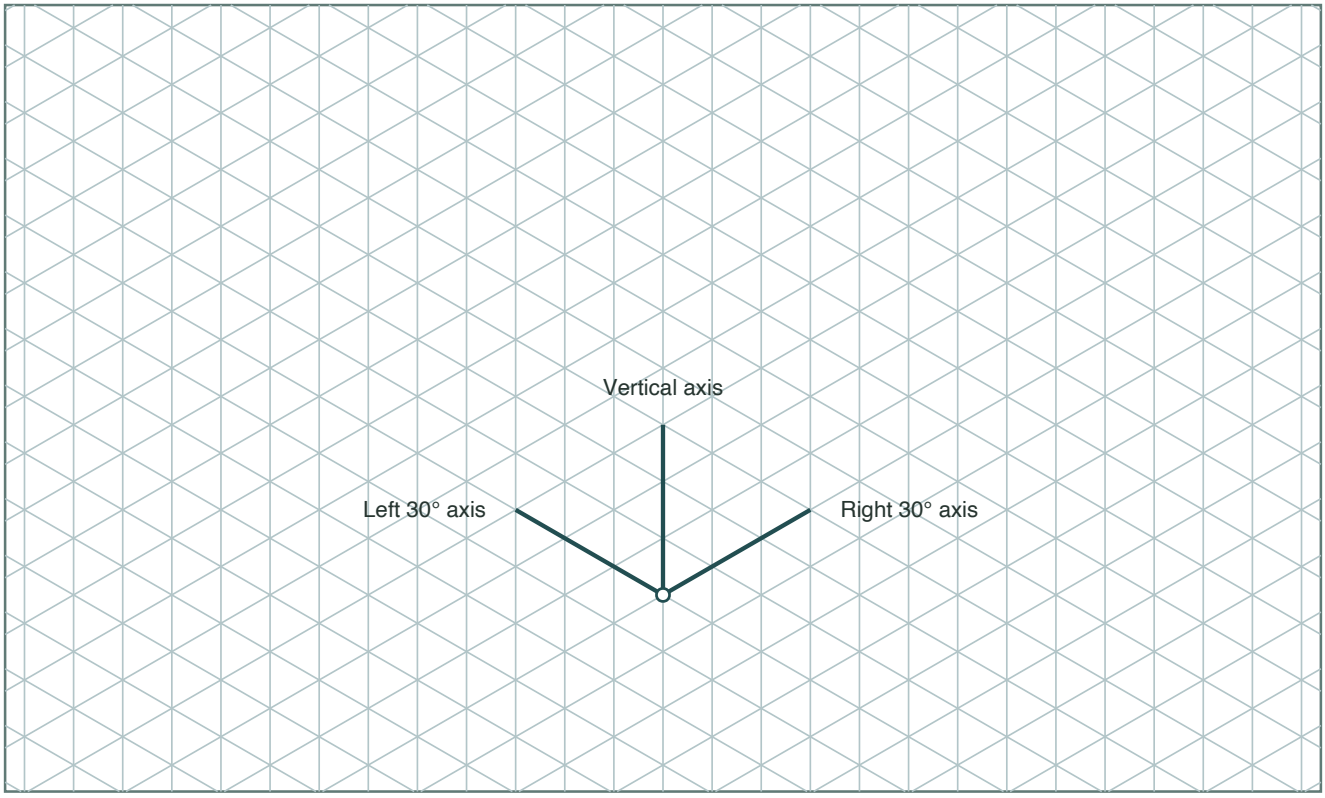
Christmas Isometric Drawing

Reference | Three grid directions | A4

Start all three guides at the same grid point.

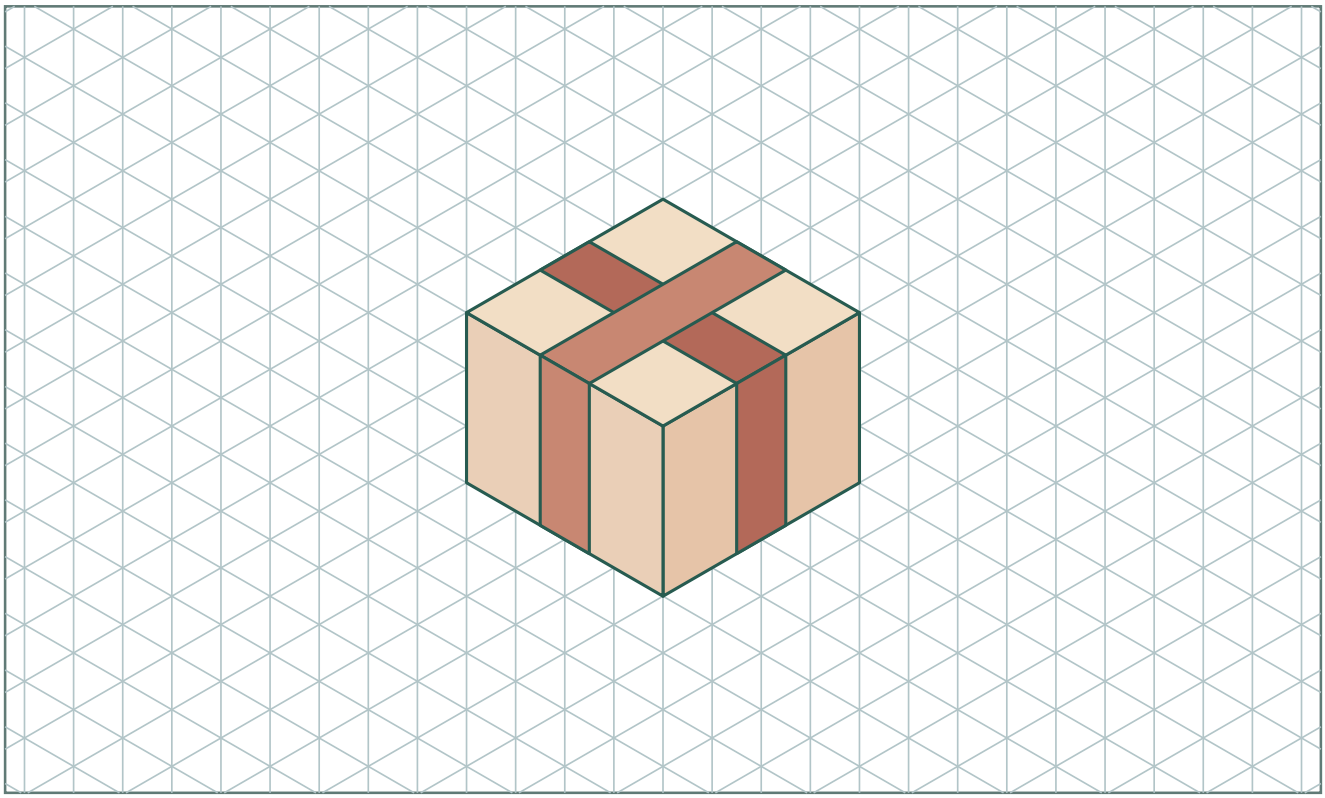


Christmas Isometric Drawing

Reference | Worked gift | A4

Original prompt

Worked example: build a small gift on the triangle grid.



Answer

Build a vertical face using one upright edge and the up-right direction for top and bottom. Draw equal up-left construction lengths from the corners. Close the lid and adjacent vertical face. Cross two bands on the lid. Continue the one crossing the front edge down that face, and fold the other band down the adjacent side.

Reasoning

Parallel box edges follow the same isometric direction. The two top ribbons follow different lid directions, meet at the midpoint and wrap over different edges of the box.

Check

Check the three box-edge directions and the parallel lid sides. Check the band intersection at the centre and follow each band over its lid edge to the corresponding face.