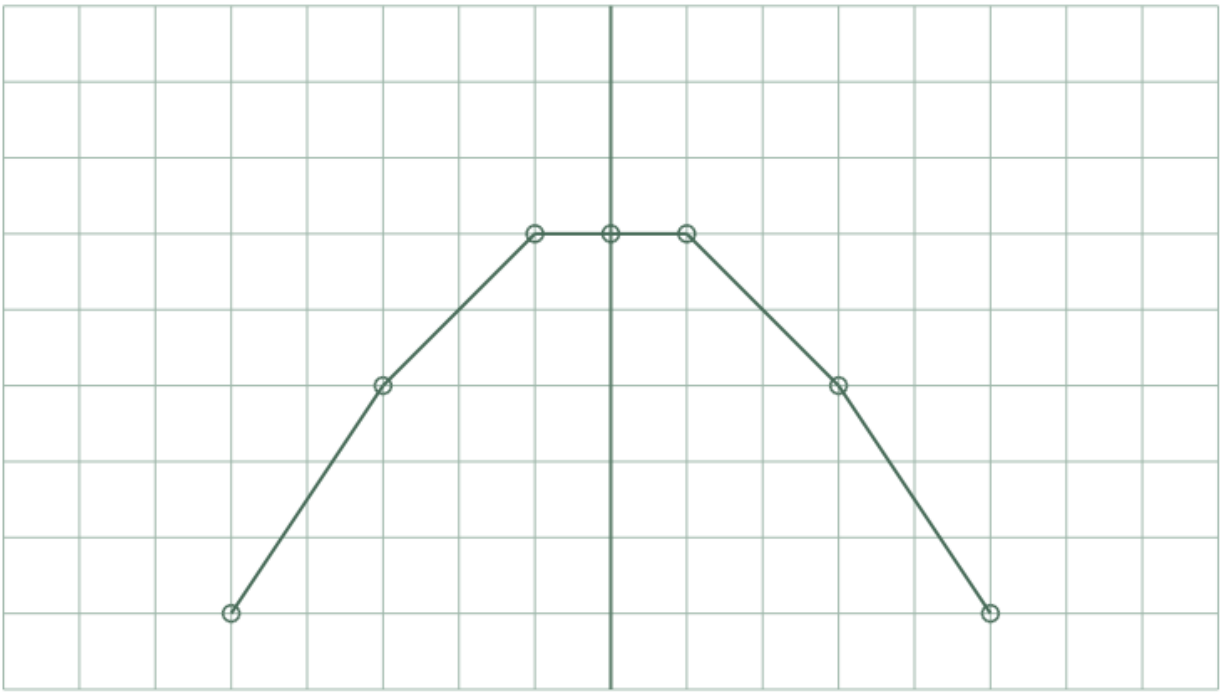
Half-Car Symmetry on Graph Paper: Complete the Mirror Image

Ordinary topic reference / separately checked pixels



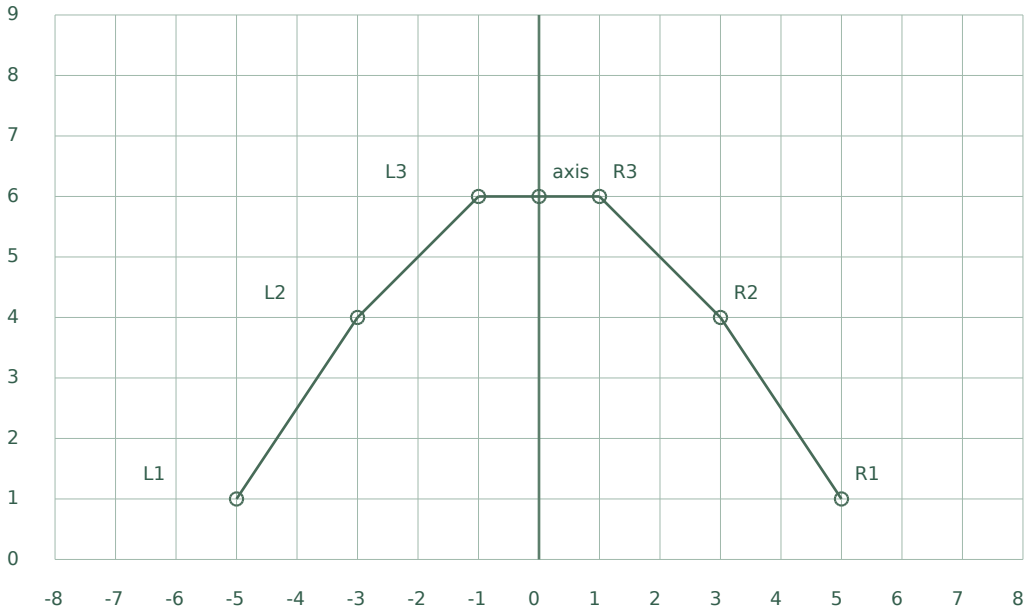
Half-Car Symmetry on Graph Paper: Complete the Mirror Image

Original worked example / unchanged complete key

Prompt: A left-half outline has points (-5, 1), (-3, 4), (-1, 6), and (0, 6). The mirror axis is x = 0. Find the mirrored points and describe how to connect them.

Answer: The mirrored points are (5, 1), (3, 4), (1, 6), and (0, 6). Connect them in the same order as the left half, joining at the shared axis point (0, 6). Check that each right point is the same number of squares from the axis and on the same row as its left partner.

Mirror the supplied partial outline / vertical axis x = 0



Reflected points: (5, 1), (3, 4), (1, 6), (0, 6)

Reflection rule: (x, y) becomes (-x, y). Preserve the row, equal distance from x = 0 and the original connection order. These are the source-supplied partial car-outline segments, not an invented complete vehicle.