

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Line Symmetry

Complete the missing half of each of the shapes using the mirror lines.

The grid consists of 20 columns and 15 rows of dots. A vertical dashed red line is drawn between the 10th and 11th columns. On the left side of this line, there are two shapes:

- The top shape is a stepped polygon with a total width of 10 units and a height of 4 units. Its left edge is a vertical line from row 1 to row 4. Its top edge starts at row 1, column 1, goes right to column 4, then up to row 2, then right to column 10, then down to row 3, then right to column 9, then up to row 4. A dashed red mirror line is at column 10.5.
- The bottom shape is a more complex polygon with a rectangular hole. Its left edge is a vertical line from row 1 to row 15. Its top edge starts at row 1, column 1, goes right to column 10, then down to row 2, then right to column 10, then up to row 3, then right to column 10, then down to row 4, then right to column 8, then up to row 5, then right to column 8, then down to row 6, then right to column 8, then down to row 7, then right to column 8, then down to row 8, then right to column 8, then down to row 9, then right to column 8, then down to row 10, then right to column 8, then down to row 11, then right to column 8, then down to row 12, then right to column 8, then down to row 13, then right to column 8, then down to row 14, then right to column 8, then down to row 15. Its right edge starts at row 1, column 8, goes right to column 8, then down to row 2, then right to column 10, then up to row 3, then right to column 10, then down to row 4, then right to column 8, then up to row 5, then right to column 8, then down to row 6, then right to column 8, then up to row 7, then right to column 8, then down to row 8, then right to column 8, then up to row 9, then right to column 8, then down to row 10, then right to column 8, then up to row 11, then right to column 8, then down to row 12, then right to column 8, then up to row 13, then right to column 8, then down to row 14, then right to column 8, then up to row 15. A dashed red mirror line is at column 10.5.