

Complete a Mirror Pattern



Use the matching sheet ID when checking answers.

Use the material to work through each task. Show the requested response.

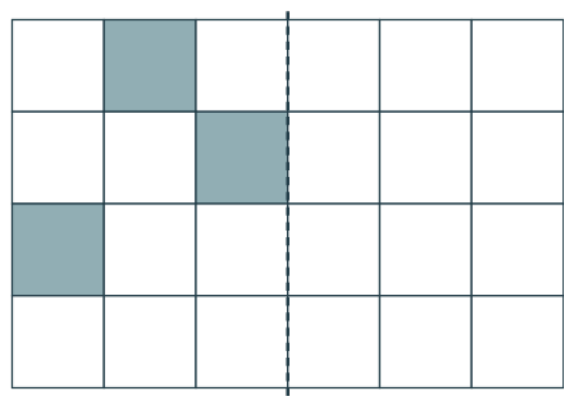
1. The middle line lies between columns 3 and 4. Which column mirrors column 3?

Answer: column 4

2. Which column mirrors column 1?

Answer: column 6

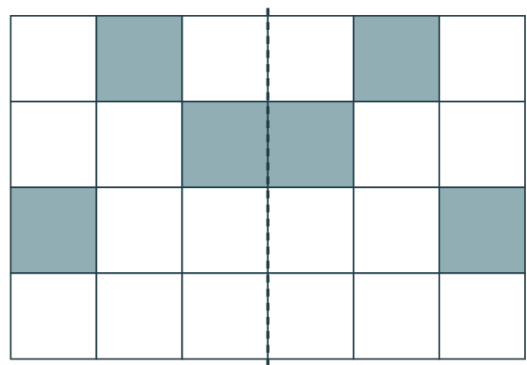
3. Add reflected squares to the grid. Rows and columns are counted from the top left, starting at 1.



Look for:

- Keeps matching rows.
- Keeps equal distances from the line.

One possible response: Row 1 column 5, row 2 column 4, row 3 column 6, using one-based labels.



4. Which rule is correct?

Answer: Same row and equal distance

A reflection preserves the row and distance.

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5. Draw your own symmetrical pattern.

Look for:

- Pairs shapes across the line.

One possible response: Matching shapes on both sides of a vertical line.

6. How can you check your pattern?

Look for:

- Uses a valid reflection check.

One possible response: Imagine folding along the line; matching parts should overlap.

Open responses use criteria and an illustrative response. Other well-supported responses can be acceptable.