

Level 1 - Rotation DS

Question: You are presented with a main image in which a square region is blanked out (occluded). Below the image are four candidate patches labeled A, B, C, and D, arranged horizontally from left to right. Exactly one patch correctly restores the missing region of the main image.

Task: 1. The main image and/or the candidate patches may be rotated relative to one another; 2. Focus on structural and spatial cues — how edges, object boundaries, lighting, and geometry align between the patch and the surrounding region; 3. Select the patch that matches the occluded area when correctly oriented, maintaining overall continuity and coherence with the main image.

In your reply, follow this format exactly:

Reasoning: Describe the main rule or pattern and explain why your answer fits it.

Answer: [A, B, C, or D]



GPT-5-Thinking

Reasoning: The area around the blank square shows the dark eave cutting diagonally from the top-left with a small window sitting toward the right/lower side. Patch C, when oriented correctly, continues that diagonal roof edge and places the window in the right position, matching the wall color and geometry. Patch A's window placement is off, B's roof angle doesn't line up, and D includes the red sign that isn't in this region.

Model Answer: C ✗

Ground Truth: B ✓

Perceptual failure: The model correctly identifies key features (roof angle, window,) but wrongly assumes that the roof in the correct patch is misaligned, even though all candidates share the same orientation.