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# NNAT

## Level C

### Practice Tests

2nd Grade (Ages 7–8)

- **1 Practice Section**
- 15 Questions with Answer Keys
  - Pattern Completion
  - Serial Reasoning
  - Reasoning by Analogy
  - Spatial Visualization

## **NNAT Level C — Practice Tests — 2nd Grade**

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# How to Use This Book

## For Parents & Teachers

This book contains 1 NNAT Level C practice test, each with 15 questions. The questions are designed to match the format and difficulty of the actual NNAT3 test that students take for gifted and talented program admissions.

### Test Format

Each question shows a picture with geometric shapes and patterns. Your child needs to look at the picture carefully and choose the best answer from five choices (A through E). There are 4 types of questions in this book:

- Pattern Completion
- Reasoning by Analogy
- Serial Reasoning
- Spatial Visualization

### Pattern Completion

A picture shows a design with a missing piece (marked with a '?'). Your child must figure out which answer choice completes the design correctly.

### Reasoning by Analogy

A grid of shapes follows a rule or pattern. One box in the grid is empty. Your child must figure out the rule and choose which shape belongs in the empty box.

### Serial Reasoning

A row of shapes follows a pattern from left to right. The last shape is missing (marked with a '?'). Your child must figure out the pattern and choose which shape comes next in the sequence.

### Spatial Visualization

A picture shows shapes arranged around or inside a frame. Your child must figure out how the shapes change — they may flip, rotate, fold, or swap positions. The missing piece shows the result after the transformation.

### Tips for Success

- Work in a quiet, comfortable space with no distractions.
- Let your child take breaks — do not rush through the test.
- Encourage your child to look at ALL answer choices before picking one.
- Use the answer key to review mistakes and discuss the patterns.
- Practice regularly — try a few questions each day rather than all at once.

### Timing

The actual NNAT test gives about 30 minutes for 48 questions. For practice, there is no need to time your child strictly. Focus on understanding the patterns first, then work on speed as your child becomes more comfortable.

# About the NNAT

## What is the NNAT?

The Naglieri Nonverbal Ability Test (NNAT3) measures general ability using abstract shapes and visual patterns instead of language. Schools use it to identify students for gifted and talented programs. The NNAT3 has seven levels (A–G) for Kindergarten through Grade 12. Level C is for 2nd Grade (ages 7–8).

## Level C Question Types (4)

Each question shows a picture with a missing piece. The student picks the best answer from five choices (A–E).

- Pattern Completion — A design has a missing piece. Choose the answer that completes it.
- Reasoning by Analogy — Shapes in a matrix follow a rule. Find the shape that fits the empty box.
- Serial Reasoning — Shapes follow a left-to-right pattern. Choose what comes next.
- Spatial Visualization — Shapes flip, rotate, fold, or swap. Choose the result of the transformation.

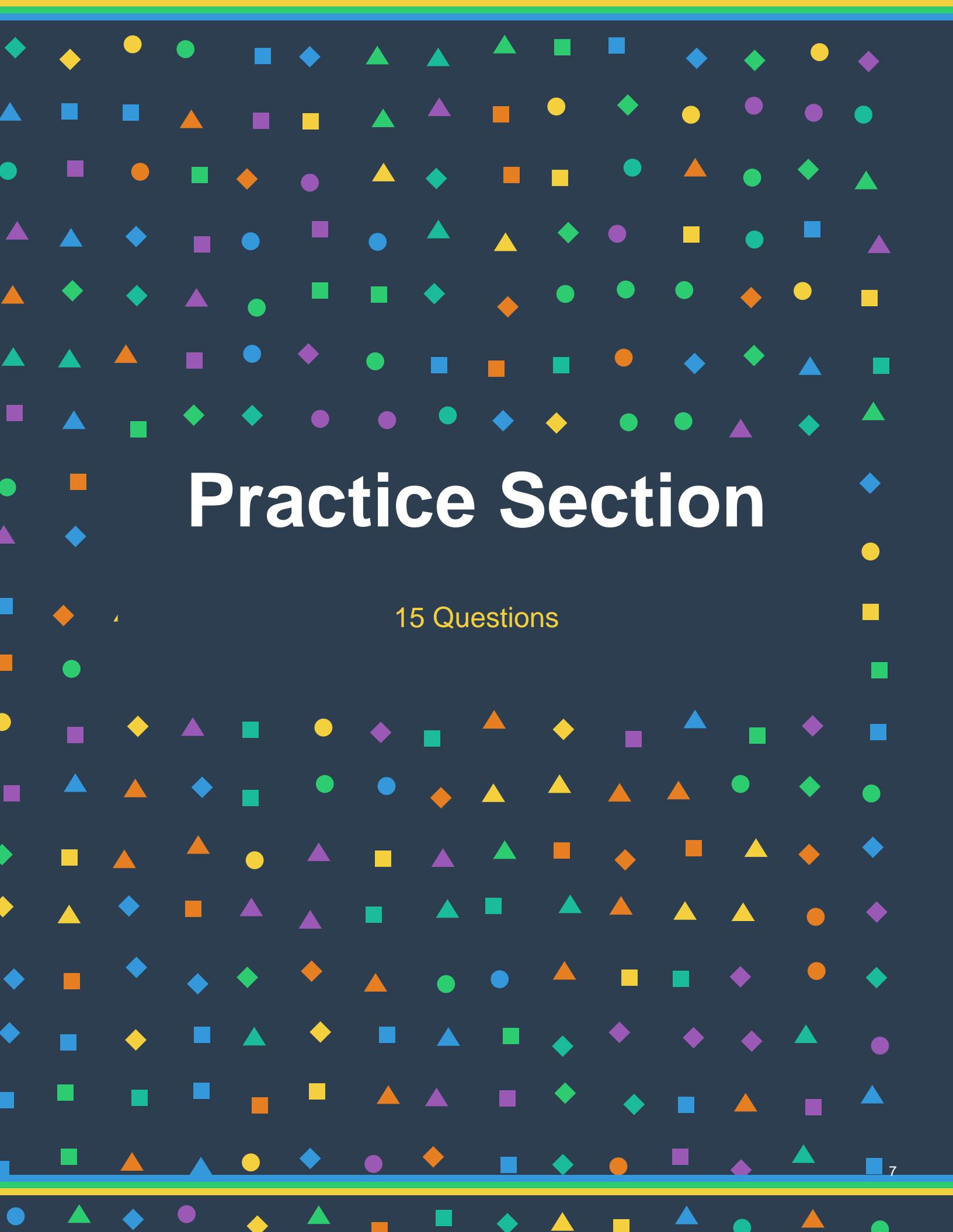
## Test Format & Scoring

The NNAT3 has 48 questions completed in about 30 minutes. It produces a raw score, a Naglieri Ability Index (NAI), and a percentile rank. Many gifted programs look for scores at or above the 95th–97th percentile, though requirements vary by district.

## How to Prepare

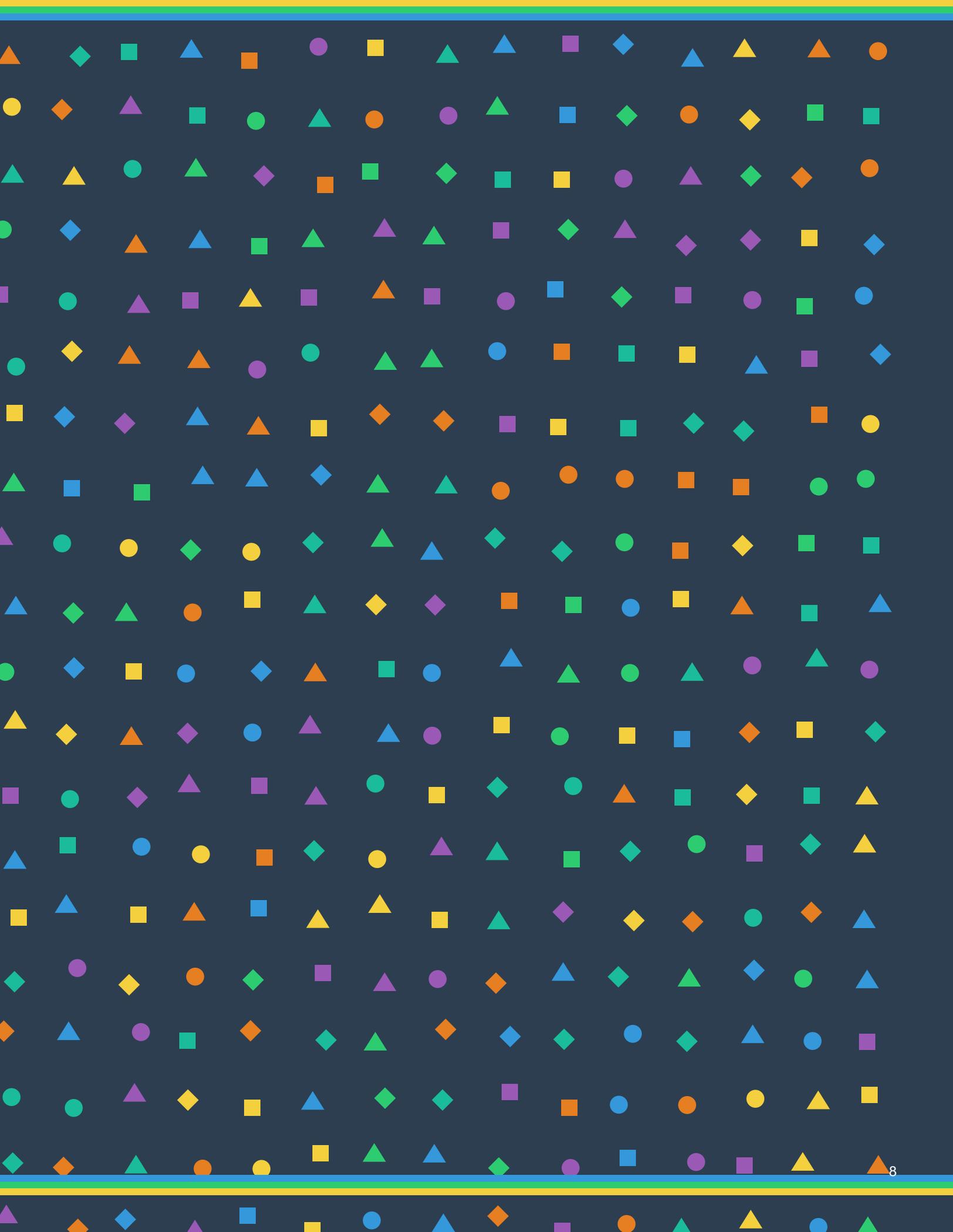
- Work in a quiet space with no distractions
- Let your child take breaks — do not rush
- Encourage looking at ALL choices before picking one
- Use the answer key to review mistakes and discuss patterns
- Practice a few questions each day rather than all at once

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# Practice Section

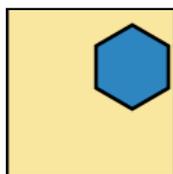
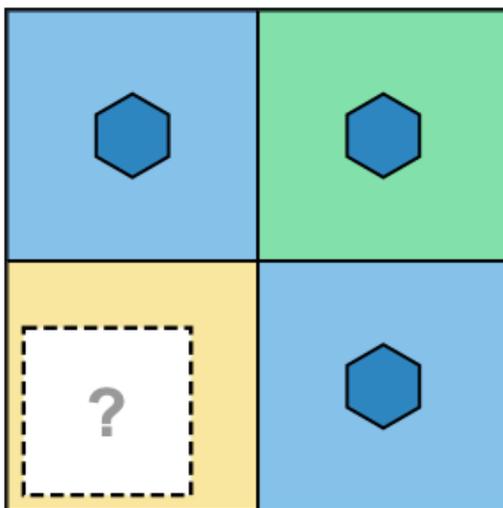
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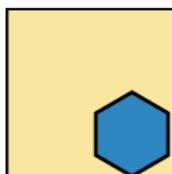
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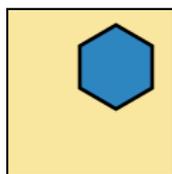
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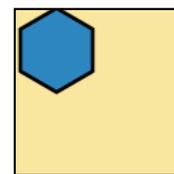
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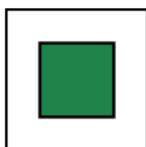
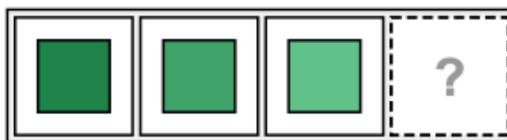


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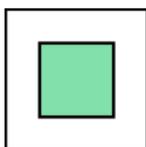
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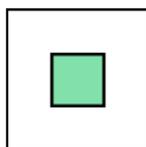
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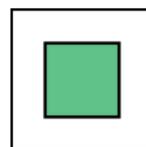
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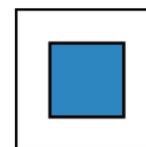
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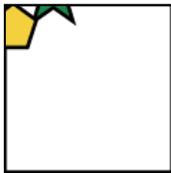
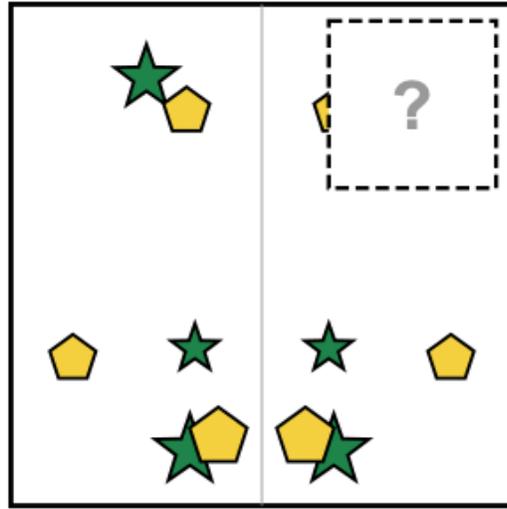


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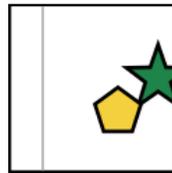
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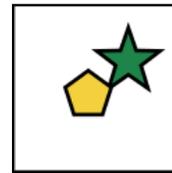
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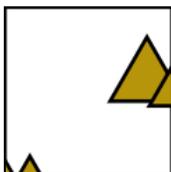
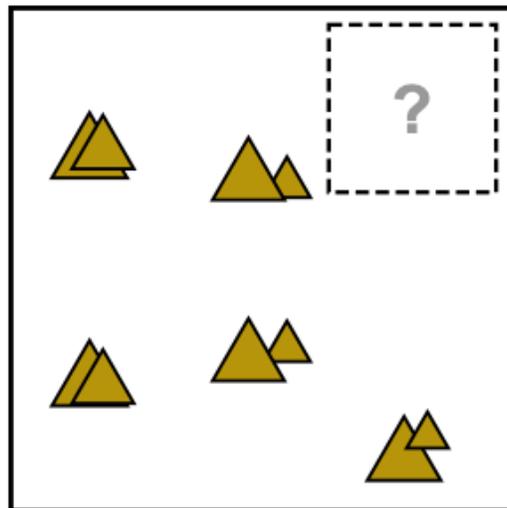


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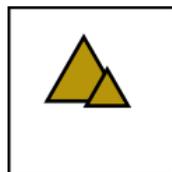
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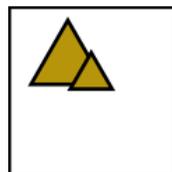
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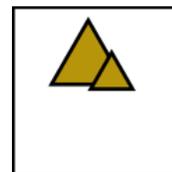
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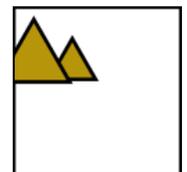
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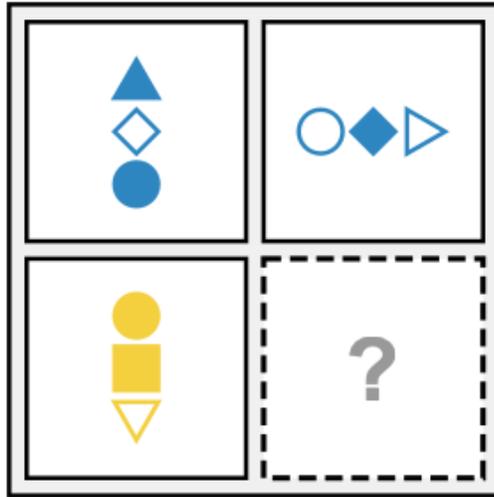


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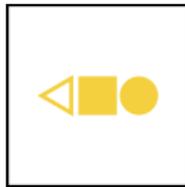
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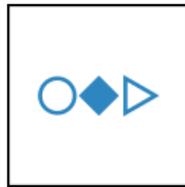
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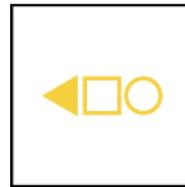
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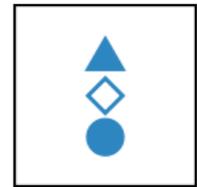
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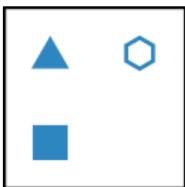
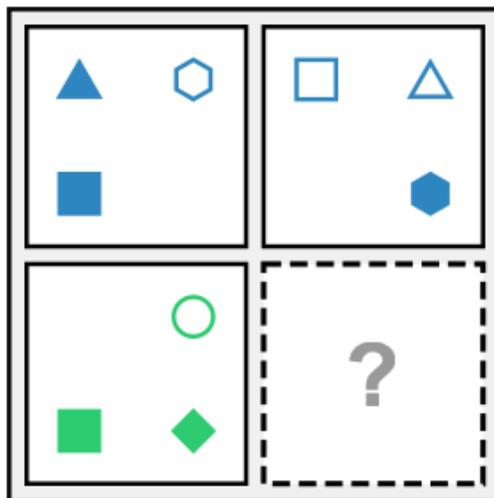


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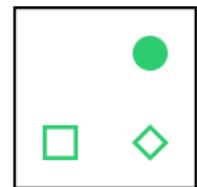
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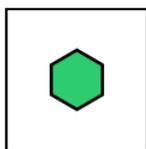


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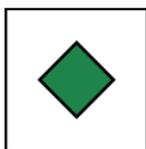
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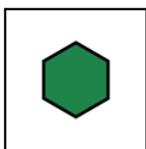
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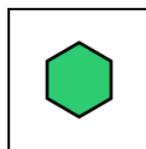
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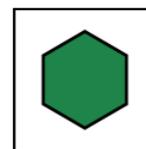
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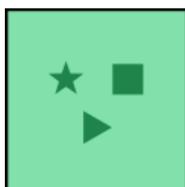
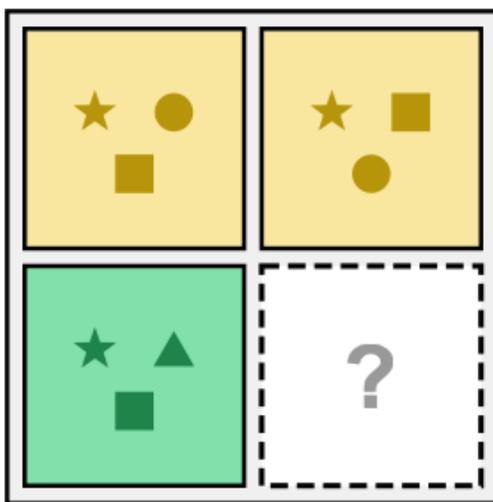


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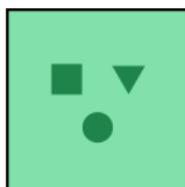
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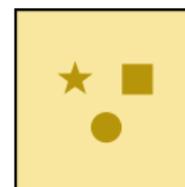
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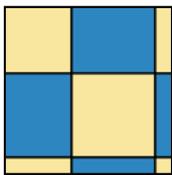
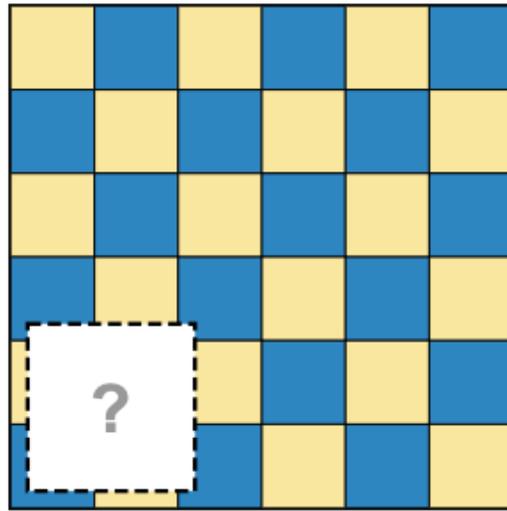


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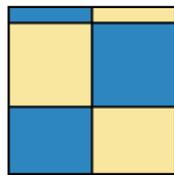
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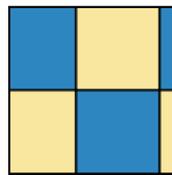
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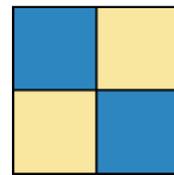
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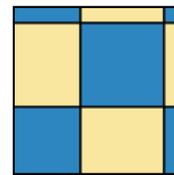
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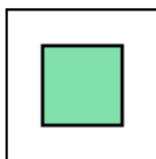
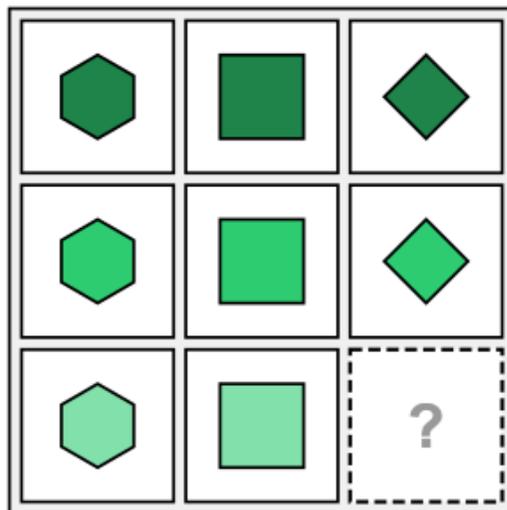


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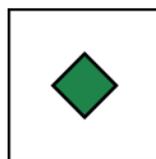
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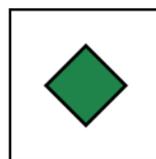
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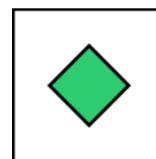
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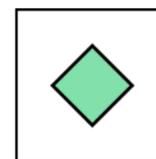
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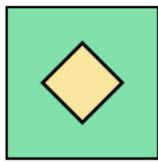
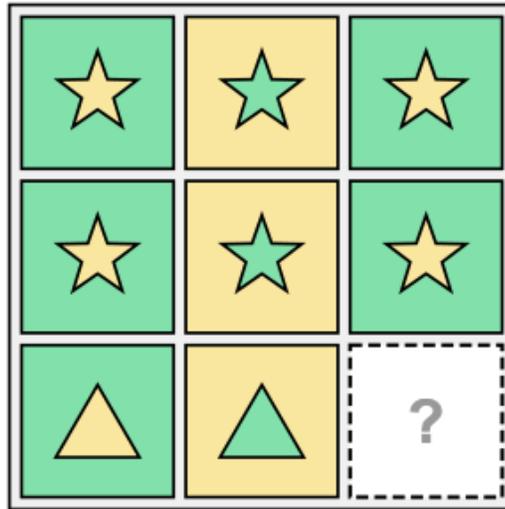


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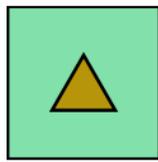
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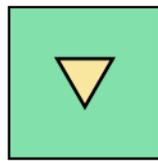
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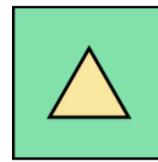
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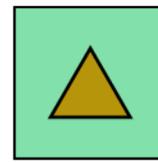
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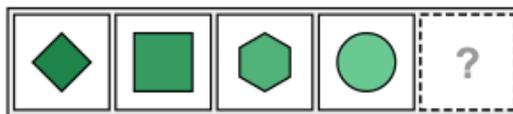


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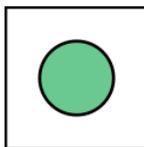
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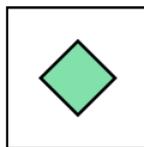
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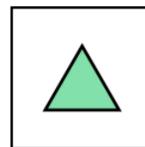
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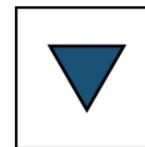
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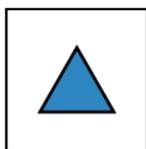


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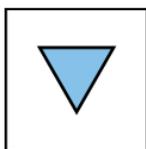
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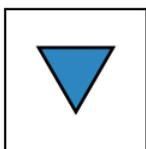
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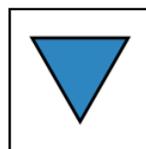
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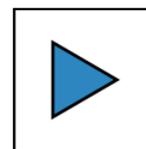
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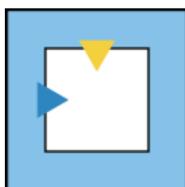
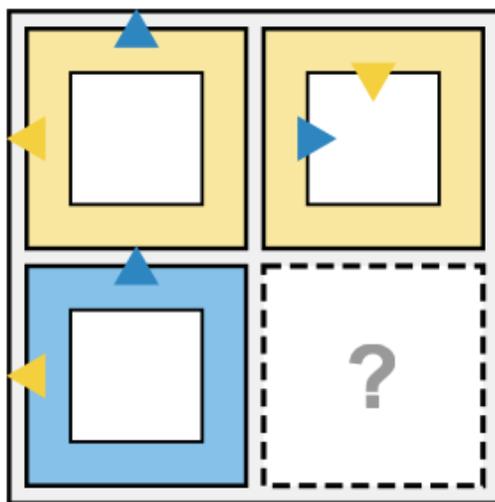


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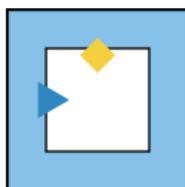
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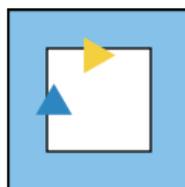
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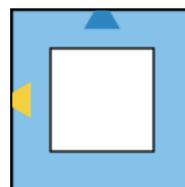
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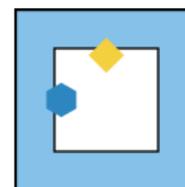
B



C



D

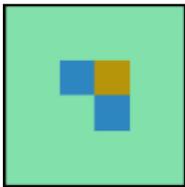
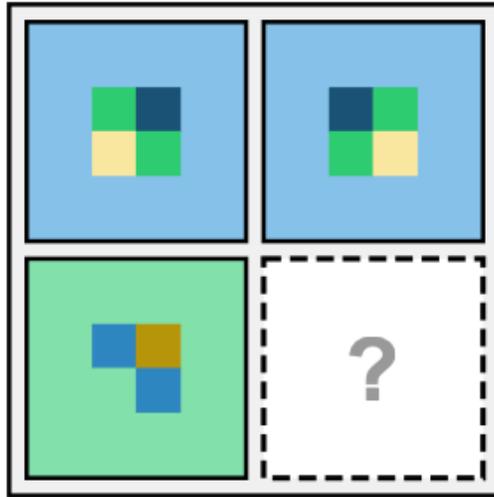


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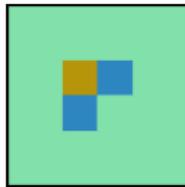
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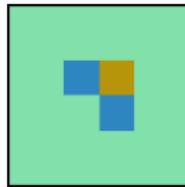
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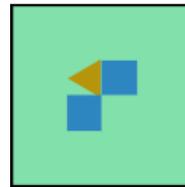
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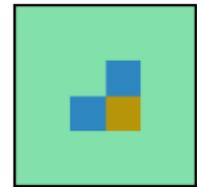
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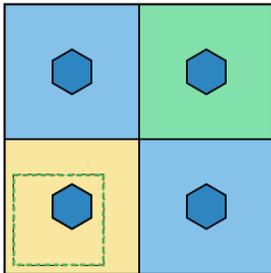


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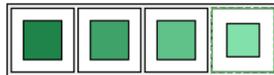


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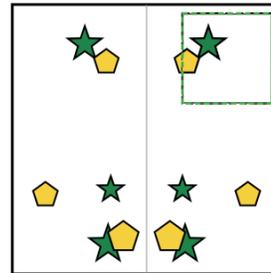
# Practice Section — Answer Key



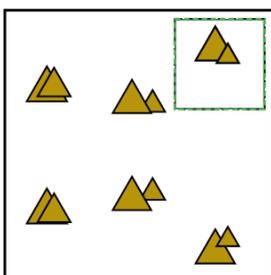
1. C [PC]



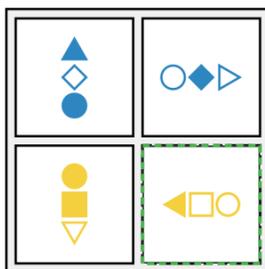
2. B [SR]



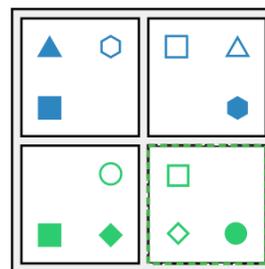
3. E [PC]



4. D [PC]



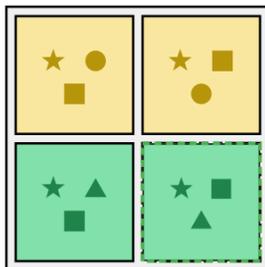
5. D [RA]



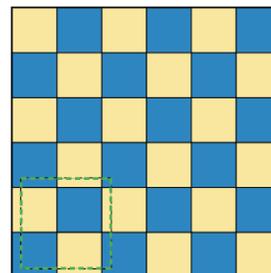
6. D [RA]



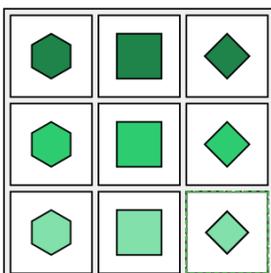
7. C [SR]



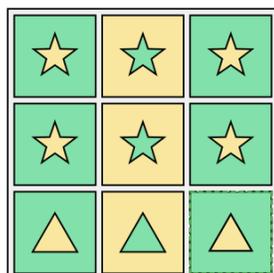
8. D [SV]



9. E [PC]



10. E [RA]



11. D [RA]

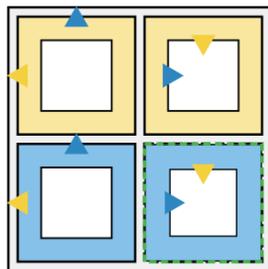


12. D [SR]

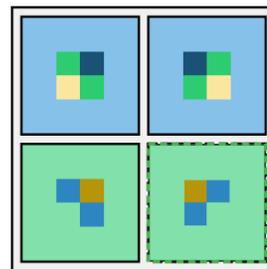
## Practice Section — Answer Key (continued)



13. C [SR]



14. A [SV]



15. B [SV]

# Practice Section — Explanations

**Q1 (C):**

The pattern is divided into four quadrants with different fill colors. The missing piece should match the quadrant color and central shape.

**Q2 (B):**

Each square gets progressively lighter from left to right. The missing piece should be the lightest square.

**Q3 (E):**

The pattern is symmetric left to right - the left half mirrors the right half. The missing piece should mirror what's on the opposite side.

**Q4 (D):**

The pattern is symmetric top to bottom - the top half mirrors the bottom half. The missing piece should continue this vertical symmetry.

**Q5 (D):**

In each row, the shapes rotate 90° clockwise (vertical becomes horizontal) and filled shapes become outlined while outlined shapes become filled.

**Q6 (D):**

In each row, shapes rotate clockwise by 1 corner position and filled shapes become outlined while outlined shapes become filled.

**Q7 (C):**

The pattern repeats: diamond, hexagon, star. The missing piece should be a hexagon.

**Q8 (D):**

In each row, the shapes at positions 3 and 2 swap while the shape at position 1 stays in place. The missing piece shows the swapped arrangement.

**Q9 (E):**

The pattern is a checkerboard of alternating dark and light squares. The missing piece should have the correct color for that position.

**Q10 (E):**

The shapes change across columns (hexagon → square → diamond) and get lighter down the rows. The missing piece should be a light diamond.

**Q11 (D):**

Alternating columns have swapped background and shape colors. The missing piece should continue this alternating pattern.

**Q12 (D):**

Both the shape and fill change in each step: diamond -> square -> hexagon -> circle. The shapes progress and get lighter. The missing piece is a triangle with the next shade.

**Q13 (C):**

The triangles rotate through directions: down -> left -> up -> right. The next triangle should point down.

**Q14 (A):**

In each row, two triangles flip inward from the left and top edges AND their colors swap positions. The missing piece should show both triangles inside the frame with swapped colors.

## Practice Section — Explanations (continued)

**Q15 (B):**

In each row, a square divided into 4 colored quadrants is swapped horizontally (left↔right). The missing piece shows the rearranged quadrants.

