



California GATE Grade 2 Printable Practice Test

Grade 2

Name: _____ Date: _____

Choose one answer for each question. Answers are on the last page.

1. Figural Analogies

 The top boxes go together.
Pick what belongs in the empty box.

	?

A

B

C

D

2. Figural Analogies

 The top boxes go together.
Pick what belongs in the empty box.

	?

A

B

C

D

3. Matrices

 Look for the rule in the matrix.
Pick the missing piece.

	?

A

B

C

D

4. Figural Analogies

 The top boxes go together. Pick what belongs in the empty box.

	?

A

B

C

D

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Choose one answer for each question. Continue in number order.

5. Classification

Which one does not belong?

A



B



C



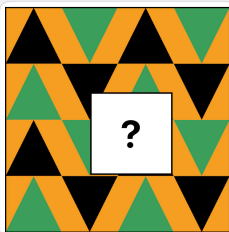
D



7. Pattern Completion



Which piece completes the design?



A



B



C



D



6. Picture Analogies



The first two pictures go together. Pick what goes with the third picture the same way.



:



::



:



A



B



C



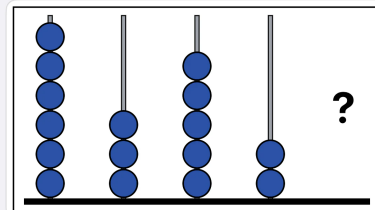
D



8. Number Series



The beads make a pattern. Pick the string that comes next.



A



B



C



D



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Answers & explanations

1. B · 2. A · 3. C · 4. B · 5. C · 6. A · 7. B · 8. B

1. **Answer B.** The first grid rotates one quarter turn clockwise. Rotating the second grid the same way puts orange squares in the left and right corners, with the other squares matching B.
2. **Answer A.** Every blue square becomes white, and every white square becomes blue. Applying the same color swap to the green and black pattern makes each green square black and each black square green. This gives A.
3. **Answer C.** The inner and outer shapes switch places while keeping their colors. The black pentagon moves outside, and the white circle moves inside it. This gives C.
4. **Answer B.** The inner and outer shapes switch places, then the shape moved inside flips vertically. The orange trapezoid moves outside, and the black triangle moves inside and points down. This gives B.
5. **Answer C.** The shirt, zebra, and barber pole are striped. The solid blue scarf is the only object without stripes, so C does not belong.
6. **Answer A.** The first pair matches an object with the sense used for it: you taste ice cream with your tongue. You smell a flower with your nose, so A completes the same relationship.
7. **Answer B.** The diagonal bands and triangle colors must continue across the missing space. Only B connects the shapes and colors correctly at every edge.
8. **Answer B.** The pattern alternates between subtracting 3 and adding 2: 6, 3, 5, 2. The next step adds 2, making 4 beads. This gives B.

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