PDF Sample Questions for

# CAT4 Level G

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# *Introduction*

## 📌 CAT4 Level G Practice Test

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# *Figure Classification*

## How to solve these questions?

✓ **Step 1:** Identify the common trait between the three shapes.

✓ **Step 2:** Find the answer choice that shares this trait.

✓ **Step 3:** Select the correct option and check the explanation.
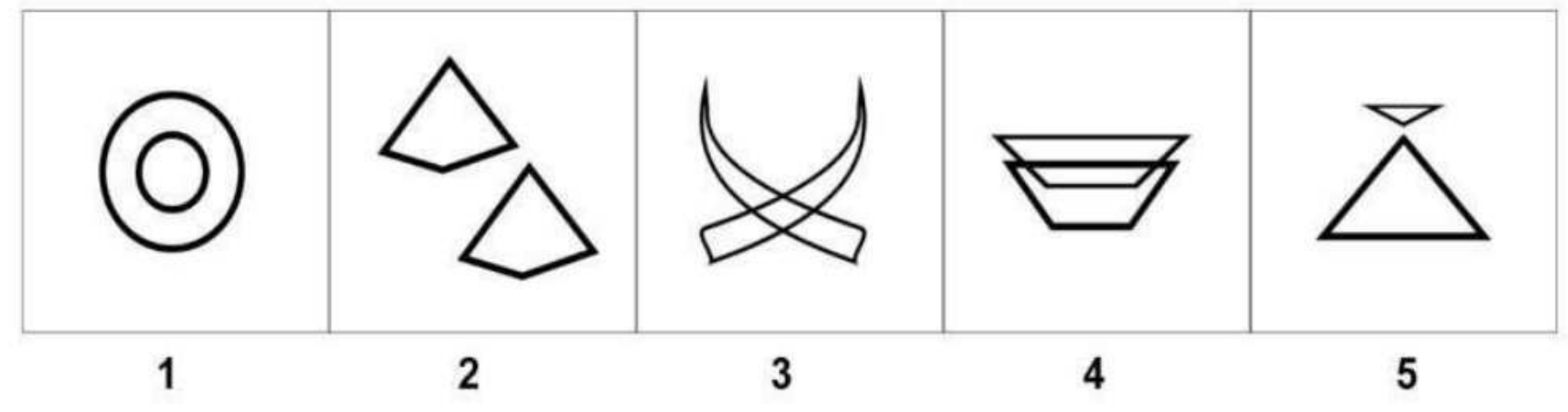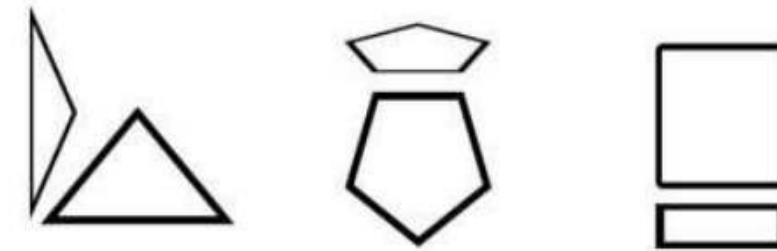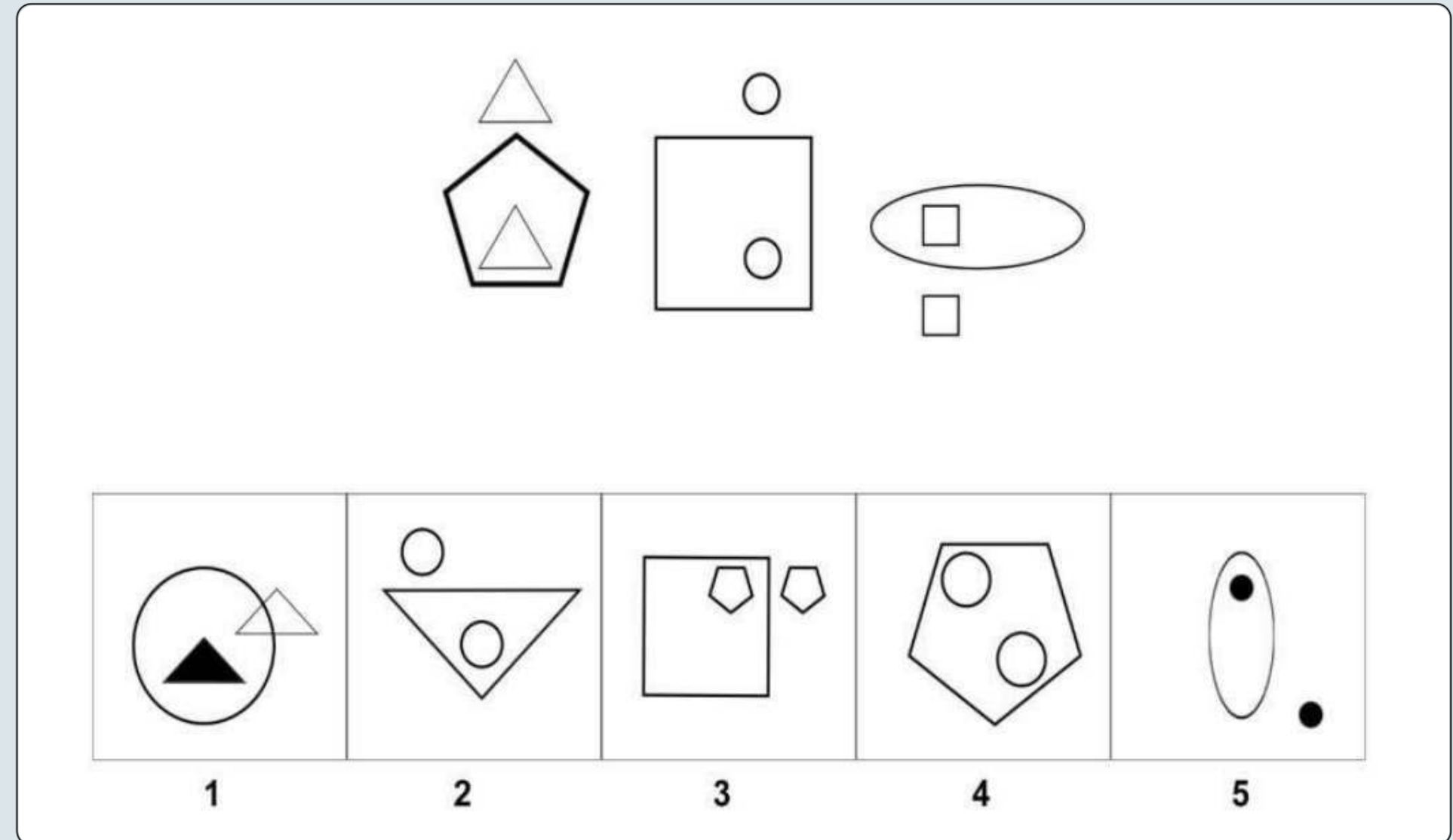
## Question 1

# *Figure Classification*

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✓ **Step 1:** Identify the common trait between the three shapes.

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# *Figure Matrices*

## How to solve these questions?

✓ **Step 1:** Identify the pattern in the first row and/or column.

✓ **Step 2:** Observe how each shape transforms across the row/column.

✓ **Step 3:** Find the missing piece that follows the same transformation rule.

✓ **Step 4:** Select the correct answer and verify the pattern.

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# *Figure Matrices*

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# *Figure Analysis*

## How to solve these questions?

✔ **Step 1:** Visualize how the paper is folded step by step.

✔ **Step 2:** Identify where the holes are punched while the paper is folded.

✔ **Step 3:** Mentally unfold the paper to track where the holes should appear.

✔ **Step 4:** Compare the answer choices and find the pattern that matches the unfolded paper.

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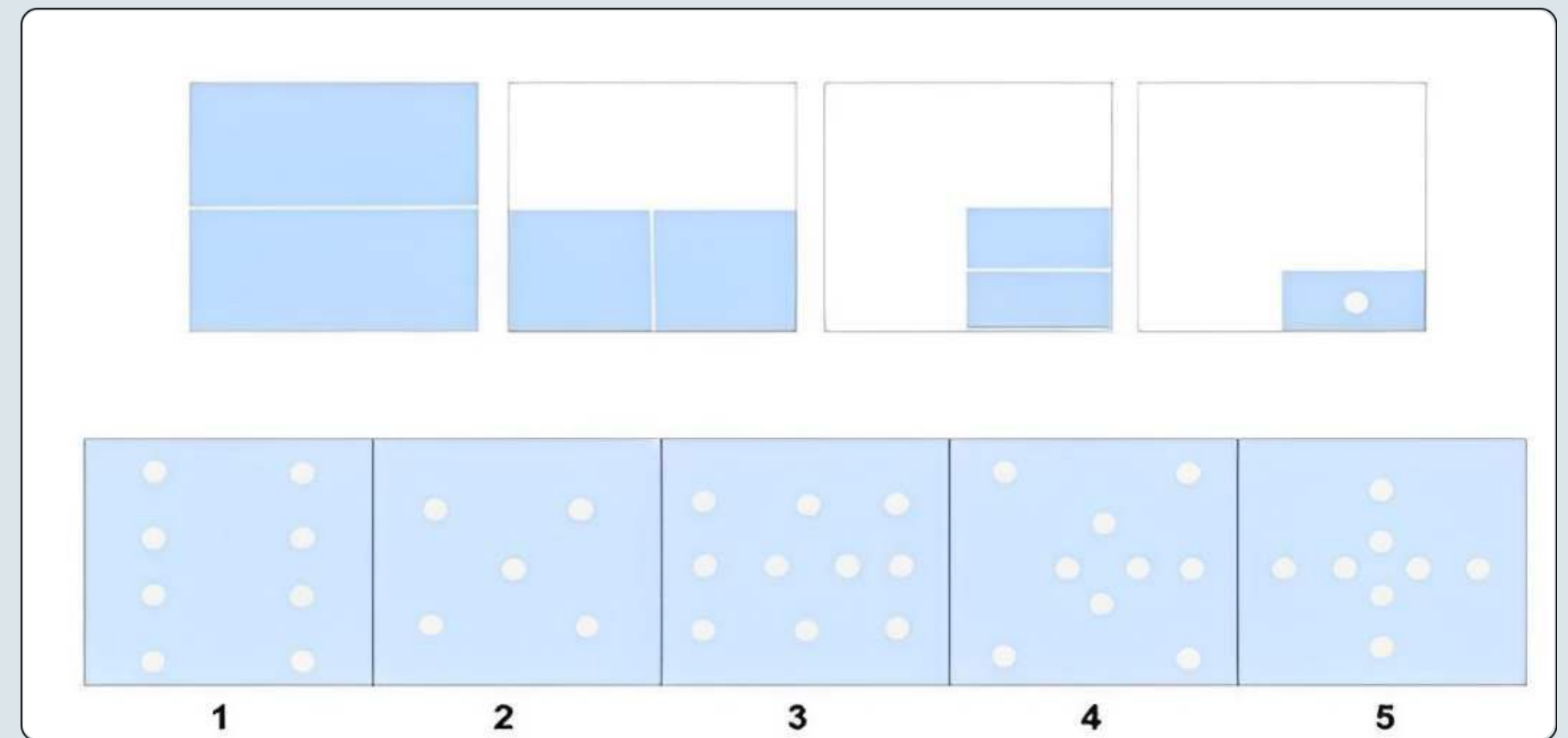
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## Question 7

# *Figure Recognition*

## How to solve these questions?

✓ **Step 1:** Identify the target shape provided in the question.

✓ **Step 2:** Carefully examine the five answer choices for hidden patterns.

✓ **Step 3:** Focus on rotations, reflections, or overlaps of the target shape.

✓ **Step 4:** Choose the design that exactly contains the target shape without distortions.

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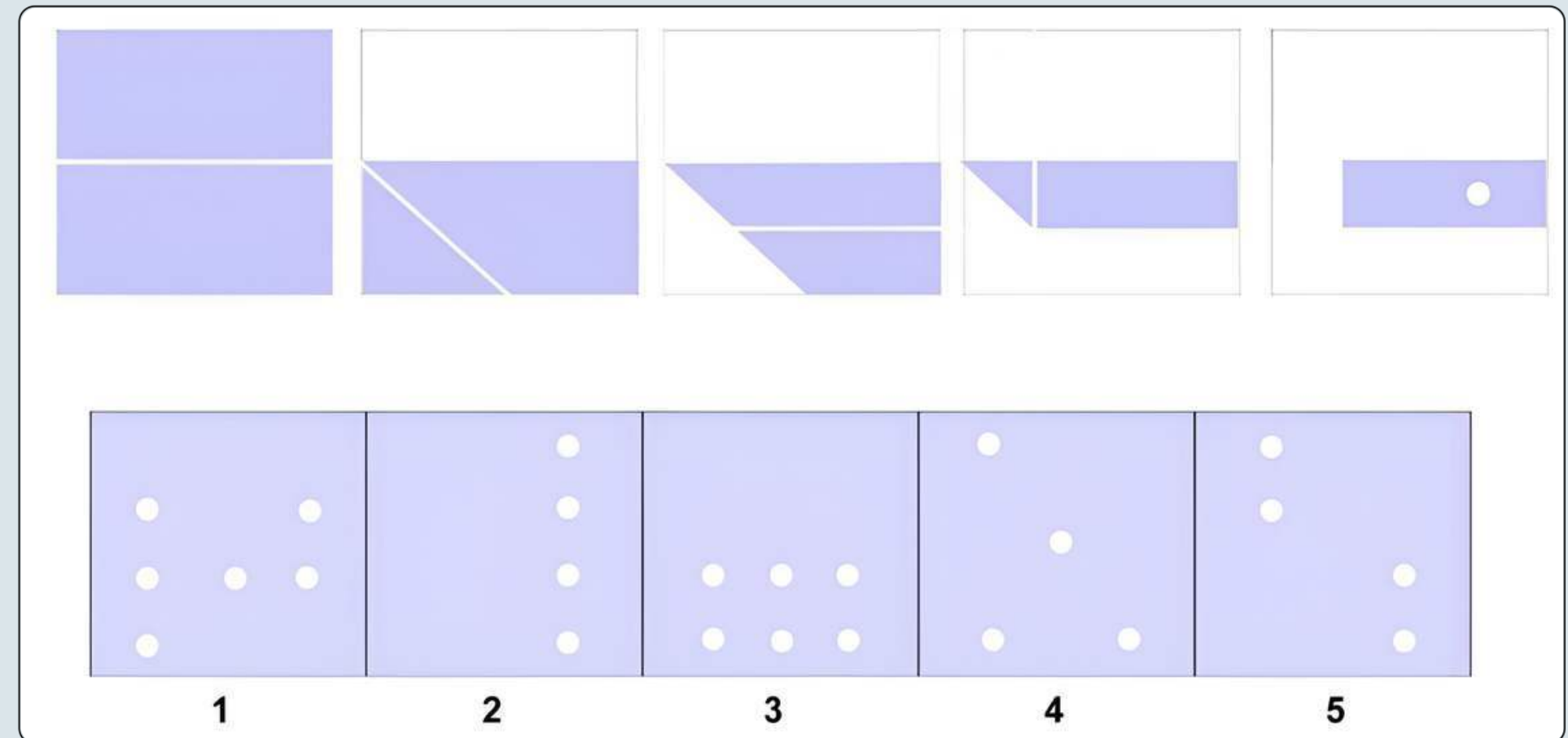
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# Verbal Classification

## How to solve these questions?

✓ **Step 1:** You'll see three words that are connected in some way.

✓ **Step 2:** Find the word from the answer choices that shares the same connection.

**Begin | Initiate| Commence**

**Options:**

A. End

B. Pause

C. Conclude

D. Start

E. Halt

# *Verbal Classification*

## How to solve these questions?

✓ **Step 1:** You'll see three words that are connected in some way.

✓ **Step 2:** Find the word from the answer choices that shares the same connection.

**Pilot | Flight attendant | Air traffic controller**
**Options:**

A) engineer

B) airport

C) aviation

D) airline mechanic

E) passenger

# *Verbal Analogies*

## How to solve these questions?

✔ **Step 1:** The first pair of words have a special relationship in verbal analogy questions.

✔ **Step 2:** Choose the word that completes the second pair while maintaining the same relationship.

**Brick  Wall: Leather**

**Options:**

A. Jacket

B. House

C. Car

D. Roof

E. Room

# *Verbal Analogies*

## How to solve these questions?

✓ **Step 1:** The first pair of words have a special relationship in verbal analogy questions.

✓ **Step 2:** Choose the word that completes the second pair while maintaining the same relationship.

## Question 14

**Seatbelt  injury : sunscreen**

**Options:**

A) beach

B) sunburn

C) tanning

D) garment

E) safety

# Number Analogies

## How to solve these questions?

✓ **Step 1:** Identify the relationship between numbers in the first two pairs.

✓ **Step 2:** Use that pattern to find the missing number in the third pair.

✓ **Step 3:** Select the number that follows the same rule as the first two pairs.

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**[80   19] [40   9] [36   ?]**

**Options:**
A) 7
B) 8
C) 9
D) 10
E) 11

# *Number Analogies*

## How to solve these questions?

✓ **Step 1:** Identify the relationship between numbers in the first two pairs.

✓ **Step 2:** Use that pattern to find the missing number in the third pair.

✓ **Step 3:** Select the number that follows the same rule as the first two pairs.

[4   11] [5   13] [6   ?]

**Options:**
A) 12
B) 13
C) 14
D) 15
E) 16

# Number Series

## How to solve these questions?

✓ **Step 1:** Identify the pattern or rule in the given number sequence.

✓ **Step 2:** Find the missing number that follows the same rule.

✓ **Step 3:** Select the correct answer choice that continues the sequence logically.

**41 39 37 40 38 36 39 37 ?**

**Options:**

A) 33

B) 34

C) 35

D) 37

E) 39

# Number Series

## How to solve these questions?

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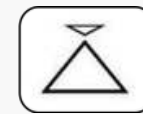
## Question 18

**81 73 78 70 75 67 72 64 ?**
**Options:**
A) 66
B) 67
C) 68
D) 69
E) 70

# SOLUTION AND EXPLANATIONS

### Question 1

**The correct answer is 5.** All pictures consist of two identical shapes, one bigger and one smaller. The smaller object is next to the big one in any direction and not touching or overlapping. The smaller shape is also flattened a bit and looks irregular.



### Question 2

**The correct answer is 3.**

In this question, the pattern is as follows -> Each picture contains a big figure with two smaller white figures.
The small figures are always - one INSIDE and one OUTSIDE the big figure. The two small figures are always aligned on horizontal or vertical lines.
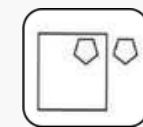


### Question 3

**The correct answer is 2.** In this question, in the top row, from left to right, we have a black square that has been cut diagonally in half, and the cut half is flipped horizontally. It also turns into lines and not a solid black shape. Therefore, for the second row, the first figure is the black circle. Then it should be cut diagonally and flipped horizontally turning into just a circle line.



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# SOLUTION AND EXPLANATIONS

## Question 4

**The correct Answer is 4.**

In this question, the pictures consist of varying shapes that have various levels of black fill and white circles in the middle. There are 3 different patterns, one for the shapes, one for the level of black fill and one for the white circle inside.

- Each line (left to right and up and down) has 3 shapes, SHIELD, HEART, CIRCLE.

- Left to right or up to down each shape is - fully filled, half-filled and quarter filled with black color.

- Top to down - first row full heart has circle in (1 shape), second row full shield and half-filled shield have circle in (2 shapes), third row all 3 shapes have a circle in. Based on the shapes pattern, the missing picture should be a heart, thus eliminating answers 1, 2 and 5. Based on the color fill and circle inside, we need to have a quarter filled heart with white circle inside, so a fully filled heart under nr3 is out. The only remaining possible answer is 4.
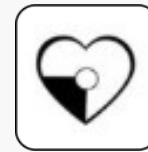


## Question 5

**The correct answer is 1.**

• The paper has one hole punched and is folded 3 times.

• If we open the first crease which covers one hole it would result in the next picture having 2 holes.

• If we open the second crease which covers 2 holes it would result in the next picture having 4 holes.

• If we open the third crease which covers 4 holes it would result in the final picture having 8 holes.
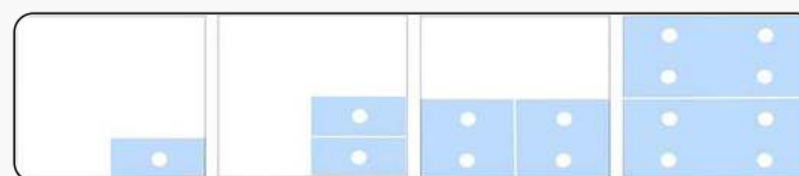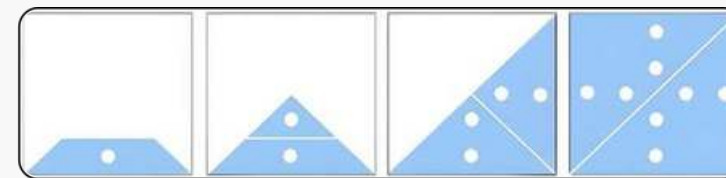
# SOLUTION AND EXPLANATIONS

## Question 6

**The correct Answer is 5.**

The paper has one hole punched and is folded 3 times.

If we open the first crease which covers one hole it would result in the next picture having 2 holes.

If we open the second crease which covers 2 holes it would result in the next picture having 4 holes.

If we open the third crease which covers 4 holes it would result in the final picture having 8 holes.

## Question 7

**The correct Answer is 1.**
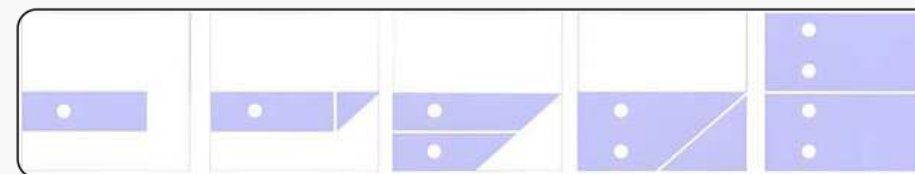
If we open the first crease which covers one hole it would result in the next picture still having 1 hole since the folded part did not cover the hole.

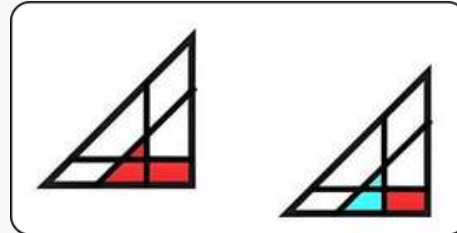• If we open the second crease which it would result in the next picture having parallel holes up and down.

• If we open the third crease paper will still have 2 holes.

• If we open the final crease we end up with 4 parallel holes.
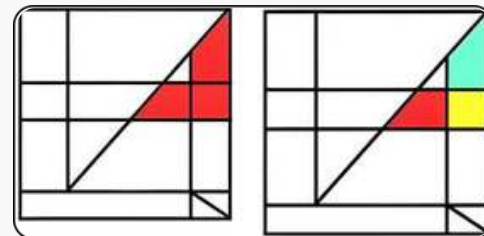
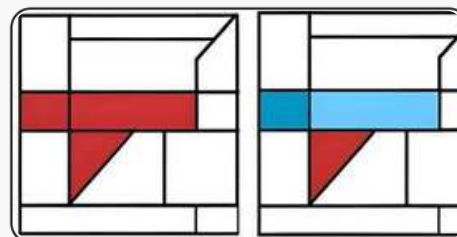# SOLUTION AND EXPLANATIONS

## Question 8

**The correct Answer is 2.**



## Question 9

**The correct Answer is 5.**



## Question 10

**The correct Answer is 1.**

# SOLUTION AND EXPLANATIONS

## Question 11

**The correct Answer is D.** The words "Begin," "Initiate," and "Commence" all mean "to start or begin something." They are synonyms and are often used interchangeably to describe the act of starting an action, process, or event.

## Question 12

**The correct Answer is D.** All of the listed examples: pilot, flight attendant, air traffic controller, airline mechanic are professions within the aviation industry. "Engineer" is too broad and not necessarily tied to aviation. "Airport" is a place, not a job. "Aviation" describes the entire field, rather than a specific profession. "Passenger" is a person who travels by air, not a profession.

## Question 13

**The correct Answer is A.**

Leather is commonly used to make jackets. This option maintains the same relationship as the original pair, where a material (bricks) is used to create an item (wall), and leather is used to create a jacket.

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# SOLUTION AND EXPLANATIONS

## Question 14

**The correct Answer is B.**

A seatbelt helps protect you from injury in the event of a car accident, just as sunscreen helps protect you from sunburn caused by the sun's harmful UV rays. The other choices either describe related but broader concepts or are not forms of harm from which sunscreen protects.

## Question 15

**The correct Answer is B.**

**1.** From the first pair, we see that 80  19. One possible approach is to consider simple arithmetic operations like division or subtraction: 80÷4=20, and 20−1=19.

**2**. For the second pair, 40 9: 40÷4=10, and 10−1=9.

**3.** Applying the same pattern to 36: 36÷4=9, and 9−1=8..

## Question 16

**The correct Answer is D.**

**1.** Observe the first pair: 4 11. A simple algebraic way to connect 4 to 11 is 2×4+3=11.

**2.** Check the second pair: 5 13. Using the same formula: 2×5+3=13.

**3.** Apply this to the third pair, Following the pattern: 2×6+3=12+3=15.

# SOLUTION AND EXPLANATIONS

## Question 17

**The correct Answer is C.**

The correct Answer is C. Identify the pattern: Notice the series alternates in a cycle of three steps: Subtract 2 | Subtract 2 | Add 3 Check each group of three moves: 41 39 (–2) | 39 37 (–2) | 37 40 (+3) | 40 38 (–2) | 38 36 (–2) | 36 39 (+3) | 39 37 (–2) 37 ? (–2 again in the cycle).
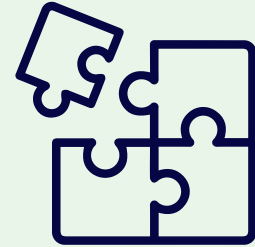
Determine the next term: **37−2=35.**

## Question 18

**The correct Answer is D.**

Observe the alternating operations: Subtract 8, then Add 5 repeatedly. Check each pair of steps. 81 73: subtract 8 | 73 78: add 5 | 78 70: subtract 8 | 70 75: add 5 | 75 67: subtract 8 | 67 72: add 5 | 72 64: subtract 8. Apply the next step (add 5): 64+5=69.

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