



# CAT4 Level C

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# CAT4 Level C – Start Your Practice Session

This practice session will help your child build confidence and master **CAT4 Level C (Year 6)** questions step by step.

## What You'll Find Inside

- ✓ Structured sample questions covering all key topics
  - ✓ Step-by-step explanations for every question
- ✓ 100% free practice crafted by CAT4-Prep teachers

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# Figure Classification

## How to solve these questions?

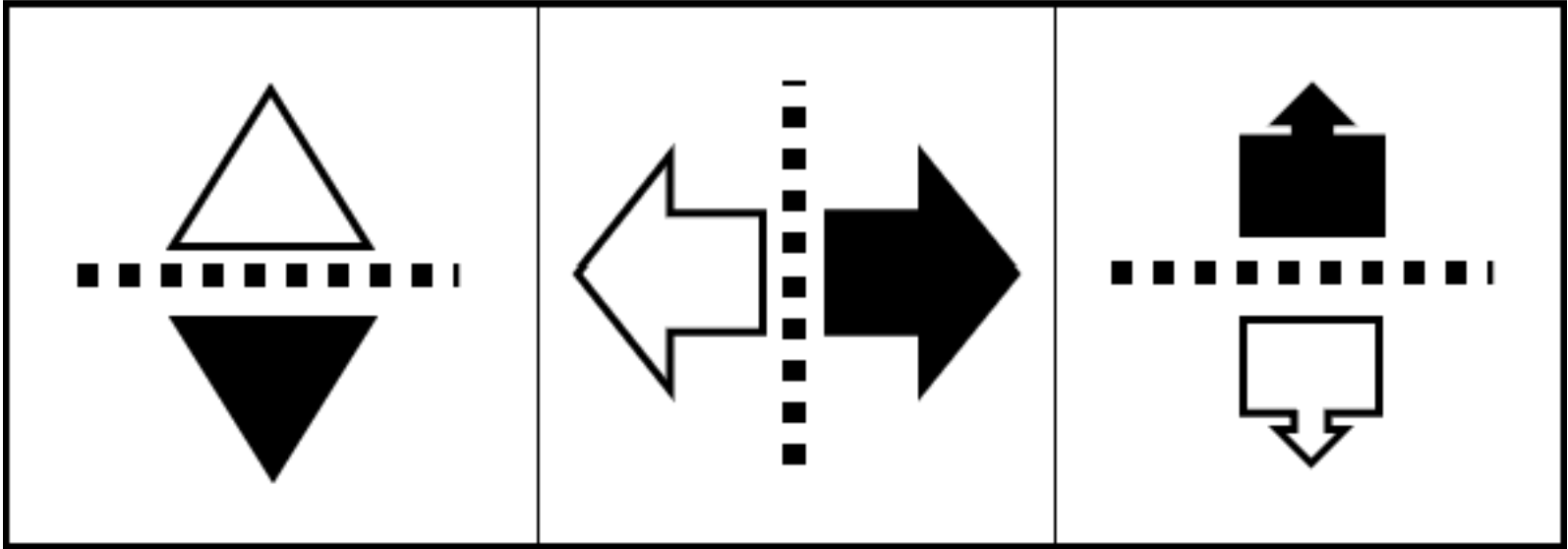
- Step 1:** Identify the common trait between the three shapes.
- Step 2:** Find the answer choice that shares this trait.
- Step 3:** Select the correct option and check the explanation.

### Golden Tip

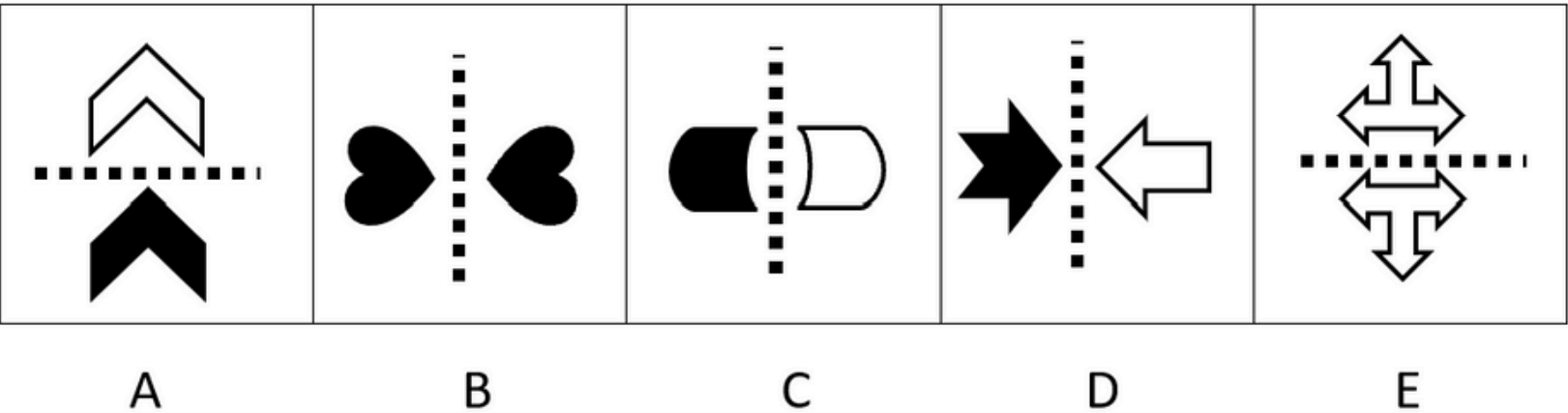
In classification questions, first state the common rule of the given figures, then eliminate any answer choice that breaks even one part of that rule.

# Question 1

Choose the shape that follows the same rule



## OPTIONS



# Figure Classification – Question 1

## Step-by-Step Explanation

**The Rule:**

In each picture there are two shapes on opposite sides of the dotted line.

The two shapes must be mirror images of each other, and one must be black and the other white.

1 **Study the examples** - In each example box, there are two shapes facing each other across the dotted line.

The shapes are the same but flipped, like in a mirror.

One shape is filled black and the other is white.

2 **Find the rule** - Two shapes that are mirror images across the dotted line, and one shape is black while the other is white.

3 **Test the answer options** -A - Same direction, no mirror → wrong. B - Mirror shapes, both black → wrong. C - Mirror shapes, one black and one white → correct. D - Different shapes, not a mirror pair → wrong. E - Mirror shapes, both white → wrong.

✓ **Conclusion:** Therefore, option C is correct.

It is the only option that shows two mirror-image shapes with one black and one white.



Question Reference

|   |   |   |   |   |
|---|---|---|---|---|
|   |   |   |   |   |
| A | B | C | D | E |



# Figure Matrices

## How to solve these questions?

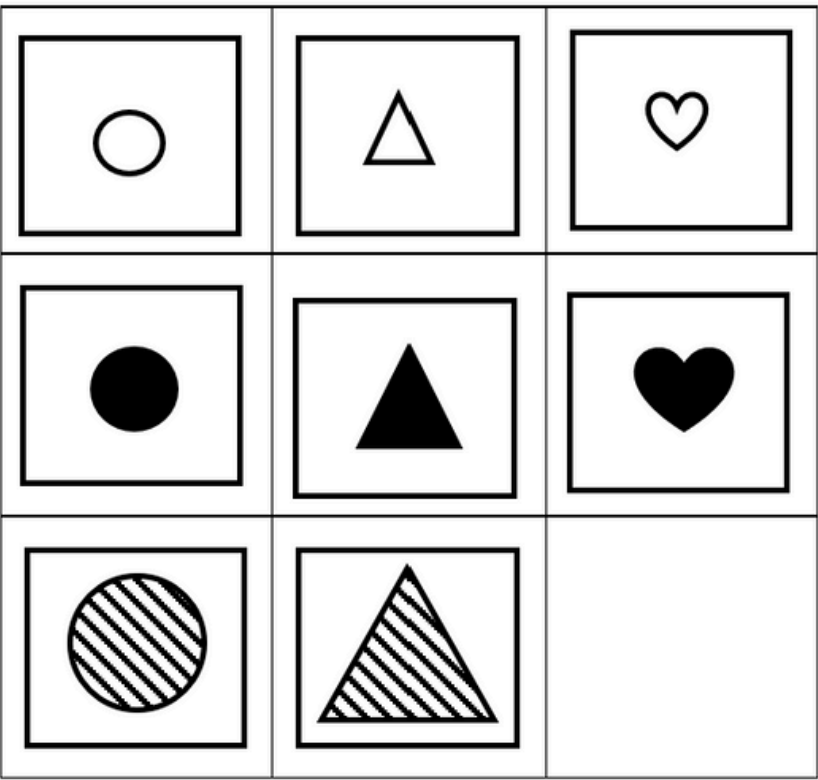
- Step 1:** Identify the pattern in the first row and/or column.
- Step 2:** Observe how each shape transforms across the row/column.
- Step 3:** Find the missing piece that follows the same transformation rule.
- Step 4:** Select the correct answer and verify the pattern.

### 💡 Golden Tip

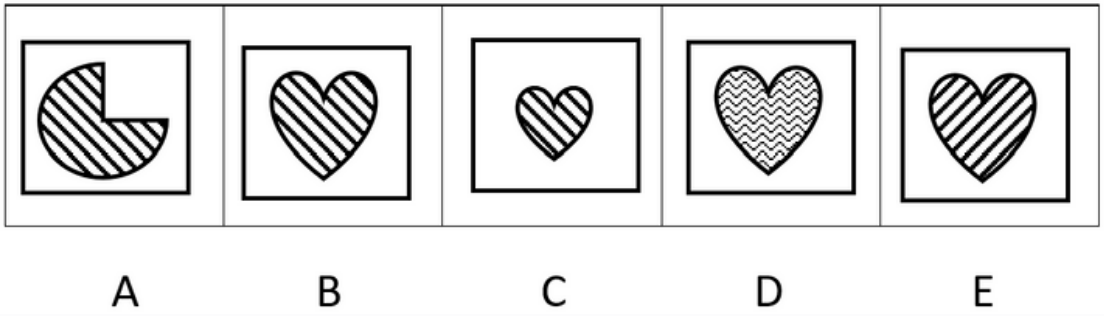
In Figure Matrices, look across rows and columns - each change follows a rule. Apply that rule to find the missing figure.

# Question 2

Choose the option that follows the same rule



## OPTIONS



# Figure Matrices – Question 2

## Step-by-Step Explanation

**The Rule:**  
In each column, the same shape appears three times.  
From top to bottom, the shape gets bigger, and the filling changes in order:  
outline → black → striped.

1 **Follow the size down each column -**  
Look at the circles and triangles: the top shape is the smallest, the middle one is bigger, and the bottom one is the biggest.

2 **Follow the colour by row -**  
**Row 1:** shapes are empty (outline). **Row 2:** shapes are black (filled). **Row 3:** shapes are striped (hatched).

3 **Find the missing heart -**  
The missing box is in row 3 and the heart column, so it must be: the largest heart in the column, and with striped filling.

✓ **Conclusion:** Therefore, **option B** is correct. It continues both patterns - the size gets larger down the column, and the colour changes to striped in the third row.



Question Reference

|   |   |   |
|---|---|---|
| ○ | △ | ♡ |
| ● | ▲ | ♥ |
| ⦿ | ▴ |   |

⦿

♥

♡

♥

♥

A B C D E

# Figure Analysis

## How to solve these questions?

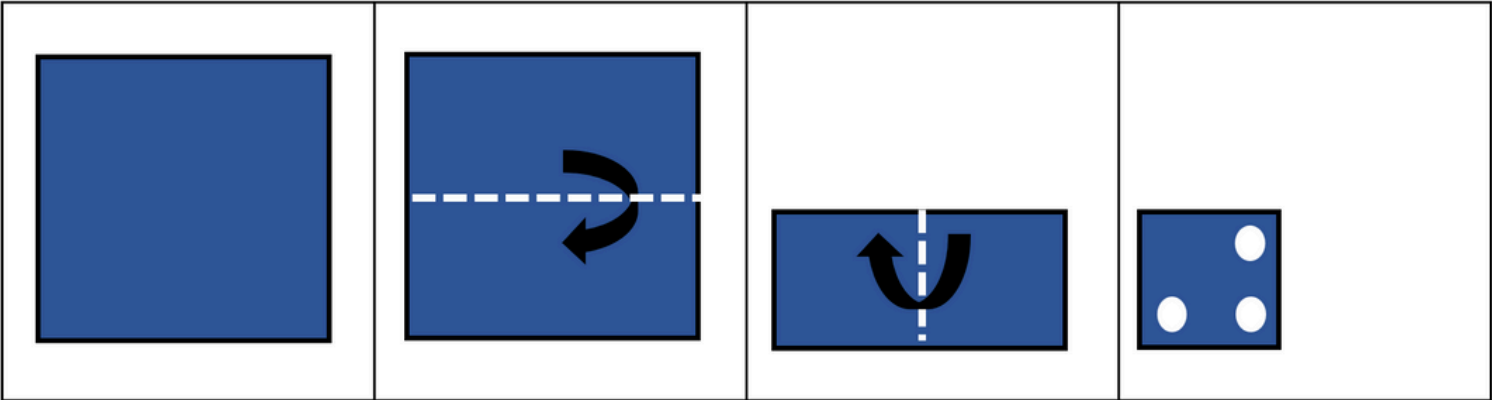
- Step 1:** Visualize how the paper is folded step by step.
- Step 2:** Identify where the holes are punched while the paper is folded.
- Step 3:** Mentally unfold the paper to track where the holes should appear.
- Step 4:** Compare the answer choices and find the pattern that matches the unfolded paper.

### 💡 Golden Tip

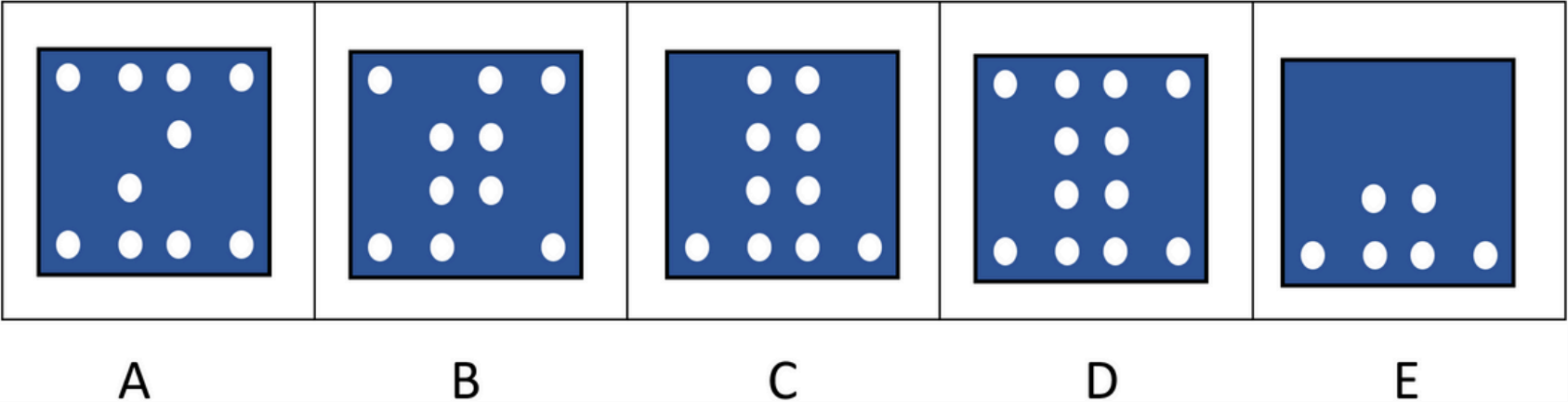
In Figure Analysis questions, imagine how the paper folds and unfolds. Focus on where each hole or mark should appear, not on how it looks. If you can match both sides like a mirror, you’ve found the correct answer!

# Question 3

Which figure correctly represents the unfolded paper



## OPTIONS



# Figure Analysis – Question 3

## Step-by-Step Explanation

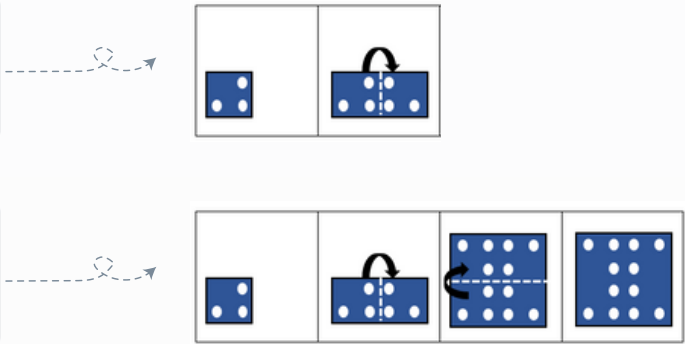
**The Rule:**  
When a square of paper is folded twice and holes are punched, each hole appears four times after unfolding – in matching positions across both fold lines.

1 **Understand the folds** - The square is folded twice: First horizontally (top to bottom). Then vertically (left to right). After these two folds, the paper has 4 layers lying on top of each other.

2 **Count the holes** - In the small folded square we see 3 holes. Each hole goes through all 4 layers, so after unfolding we must see  $3 \times 4 = 12$  holes in total, in a neat, symmetric pattern.

3 **Unfold and mirror the holes** - When the paper is unfolded, each hole is reflected across both fold lines, so the 12 holes form a neat, symmetric pattern in all four quarters of the square.

✓ Therefore, **option D** is correct.  
It is the only answer that shows 12 holes in positions that are mirror images across both fold lines.



Question Reference

The diagram shows the original square, the square after horizontal folding, the square after vertical folding, and the final unfolded square with 12 holes. Below the diagrams are five options labeled A, B, C, D, and E, each showing a different pattern of holes.

A B C D E

# Figure Recognition

## How to solve these questions?

**Step 1:** Identify the target shape shown at the top of the question.

**Step 2:** Carefully examine all five answer choices and look for shapes that hide or contain the target.

**Step 3:** Focus on finding the exact same shape. It must face the same direction and keep the same size.

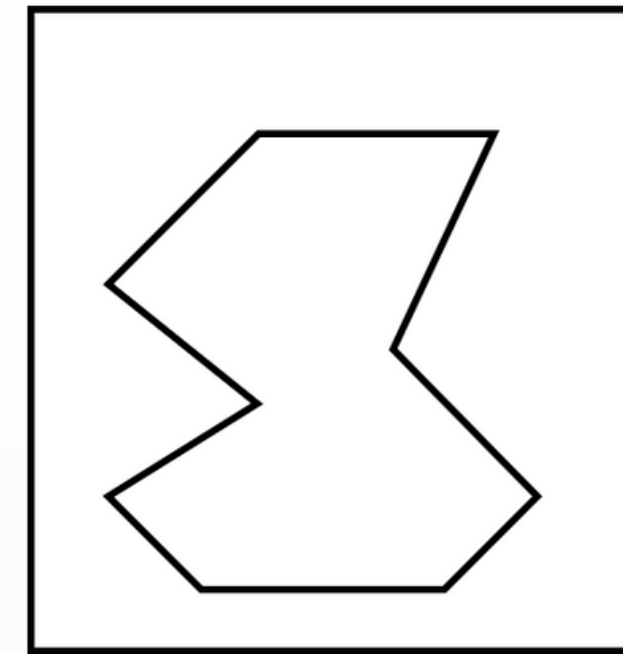
**Step 4:** Choose the design that exactly contains the target shape without any change in size or distortion.

### 💡 Golden Tip

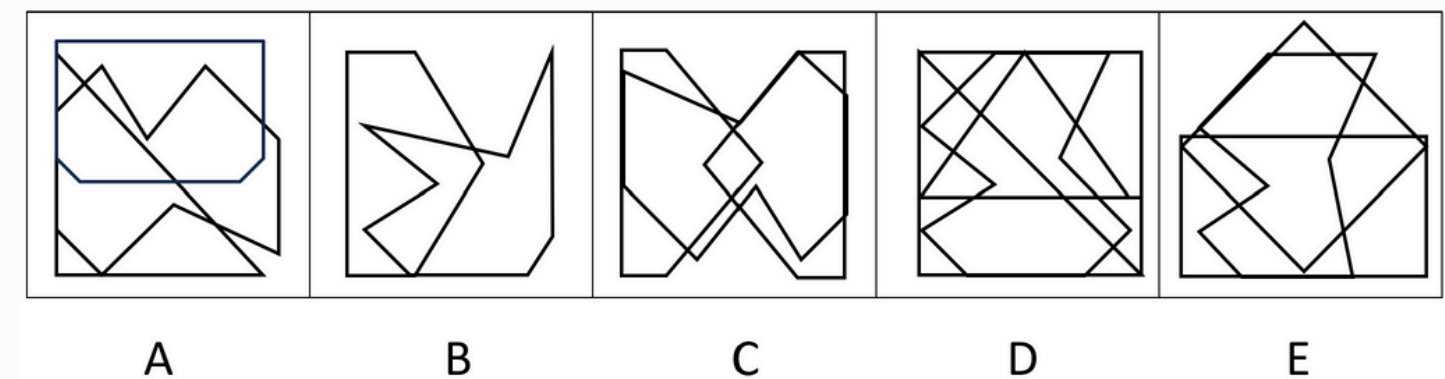
When solving Figure Recognition questions, look for the exact same shape not one that just looks similar. Ignore colours or decorations; only the outline matters. If the shape fits perfectly inside one of the options, that's your correct answer.

## Question 4

Which figure includes the target shape exactly as shown above?



### OPTIONS





# Figure Recognition – Question 4

## Step-by-Step Explanation

**The Rule:**

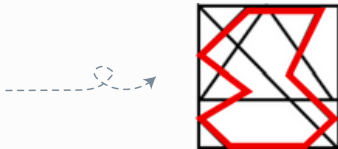
- Find the option that contains the same outline as the test shape.
- It must be in the same direction (not flipped or rotated). Ignore extra lines.

1 **Identify the test shape** - Look carefully at the top shape. It is one long bent line with several corners. Focus on the outer outline and its corners. Notice the zig-zag side and the flat base.

2 **Scan the answer options** - Look at A, B, C, D and E. In each picture, ignore the criss-cross lines inside. Only look at the outside border and ask: "Does this outline match the test shape exactly?"

3 **Find the exact match** - A, B, C and E do not show the exact outline in the same direction. Only D matches exactly.

✓ **Conclusion:** Therefore, **option D** is correct. It is the only figure that contains the test shape with the exact same outline and direction.



Question Reference

A B C D E



# Verbal Classification

## How to solve these questions?

**Step 1:** Read all the words carefully.

**Step 2:** Find what the first three words have in common.

**Step 3:** Check which answer fits the same idea or group.

**Step 4:** Make sure your choice doesn't belong to a different group.



### Golden Tip

Focus on the meaning, not the spelling or sound.

Find what connects the first three words, and choose the one that shares the same meaning or use.

## Question 5

Which word belongs to the same group as the first three?

**hour | minute | second**

### OPTIONS

- A. day
- B. week
- C. millisecond
- D. month
- E. year

# Verbal Classification – Question 5

## Step-by-Step Explanation

### The Rule:

The three words are small units of time used to measure time within one day (short time).

1

#### Identify the group -

Hour, minute, and second are all short time units.

2

#### Check the options -

- day / week / month / year are time units, but they are much longer.
- millisecond is a very tiny unit of time (even smaller than a second), so it fits the same group.

3

#### Confirm the match -

Only millisecond belongs with hour, minute, second as a short time unit.



**Conclusion:** Therefore, **option C** is correct.

It belongs to the same group as the first three words - short time units.

Question Reference

**hour | minute | second**

- A. day
- B. week
- C. millisecond
- D. month
- E. year

Good progress so far. Practise more verbal classification questions in the full CAT4 course.

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# Verbal Analogies

## How to solve these questions?

**Step 1:** Read both pairs carefully.

**Step 2:** Find how the first two words are related.

**Step 3:** Look for an option that has the same kind of relationship.

**Step 4:** Eliminate any choices that don't fit the same pattern.

### Golden Tip

In Verbal Analogy questions, think about how the first two words are connected. The answer must show the same kind of link, not just words that go well together. Once you understand the relationship, apply it to the second pair.

## Question 6

Which word fits the same relationship as the first pair?

scarce → plentiful : timid →

### OPTIONS

- A. shy
- B. brave
- C. quiet
- D. afraid
- E. weak

# Verbal Analogies – Question 6

## Step-by-Step Explanation

### The Rule:

In this question, the first two words are opposites.

To keep the same relationship, the missing word must be the opposite of timid.

1

**Identify the relationship** - Look at the first pair: scarce → plentiful.

These words are opposites: scarce means “not much,” and plentiful means “a lot.”

2

**Apply the rule to the second pair** - Now we need the opposite of timid.

Timid means “shy or not confident.”

3

Check the options - A) shy - similar to timid, not the opposite. B) brave - means confident and not afraid ✓  
C) quiet - about sound, not confidence. D) afraid - similar to timid, not the opposite. E) weak - about strength, not confidence.



**Conclusion:** Therefore, **option B** is correct.

Brave is the opposite of timid, just as plentiful is the opposite of scarce.

Question Reference

scarce → plentiful : timid →

- A. shy
- B. brave
- C. quiet
- D. afraid
- E. weak

# Number Analogies

## How to solve these questions?

**Step 1:** Read both pairs carefully.

**Step 2:** Find the rule that connects the first pair (divide, add, or subtract).

**Step 3:** Apply the same rule to the second pair.

**Step 4:** Check that your answer fits the same pattern.

### Golden Tip

In Number Analogy questions, look for what happens between the two numbers, for example, dividing, halving, subtracting, or doubling. Once you discover the rule in the first pair, use the same rule to find the missing number in the second pair.

## Question 7

Which number follows the same rule as the first pair?

**[14 → 19] [27 → 36] [53 → ?]**

### OPTIONS

- A. 59
- B. 60
- C. 61
- D. 62
- E. 63

# Number Analogies – Question 7

## Step-by-Step Explanation

### The Rule:

In each pair, you add the digits of the first number to the number itself.

- Add the digits of the number.
- Add that total to the number.

1

**Identify the rule** -  $14 \rightarrow 1 + 4 = 5$ , and  $14 + 5 = 19$ .

2

**Check the pattern** -  $27 \rightarrow 2 + 7 = 9$ , and  $27 + 9 = 36$

3

**Use it for the last pair** -  $53 \rightarrow 5 + 3 = 8$ , and  $53 + 8 = 61$



**Conclusion:** Therefore, option C is correct.  
 $53 \rightarrow 5 + 3 = 8$ , and  $53 + 8 = 61$ .

Question Reference

**[14 → 19] [27 → 36] [53 → ?]**

- A. 59
- B. 60
- C. 61
- D. 62
- E. 63

# Number Series

## How to solve these questions?

**Step 1:** Read the numbers carefully, one by one.

**Step 2:** Look for what changes each time (for example: +2, -3, ×2).

**Step 3:** Apply the same rule to find the next number.

**Step 4:** Double-check that your number keeps the pattern consistent.

### Golden Tip

In Number Series questions, look for how each number changes.

It could increase, decrease, or follow a repeating pattern.

Once you spot the rule, apply it step by step to find the missing number.

## Question 8

Which number continues the sequence correctly?

12 10 11 9 10 8 9 7 ?

### OPTIONS

A. 6

B. 7

C. 8

D. 9

E. 10



# Number Series – Question 8

## Step-by-Step Explanation

**The Rule:**  
The series repeats two moves: -2, then +1 (-2, +1, -2, +1, ...).

1

**Identify the pattern** - 12 → 10 (-2), then 10 → 11 (+1). So the rule is -2, +1.

2

**Check the pattern in the series** - 11 → 9 (-2), 9 → 10 (+1), 10 → 8 (-2), 8 → 9 (+1), 9 → 7 (-2).  
The same pattern keeps repeating.

3

**Apply the next step** - The last move was -2, so the next move is +1: 7 + 1 = 8.

✓

**Conclusion:** Therefore, **option C** is correct. The missing number is 8

🔍 Question Reference

12 10 11 9 10 8 9 7 ?

A. 6  
B. 7  
C. 8  
D. 9  
E. 10

# Well done – you’ve completed your CAT4 practice!

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