



CAT4 Level Pre-A

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- ✓ 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.

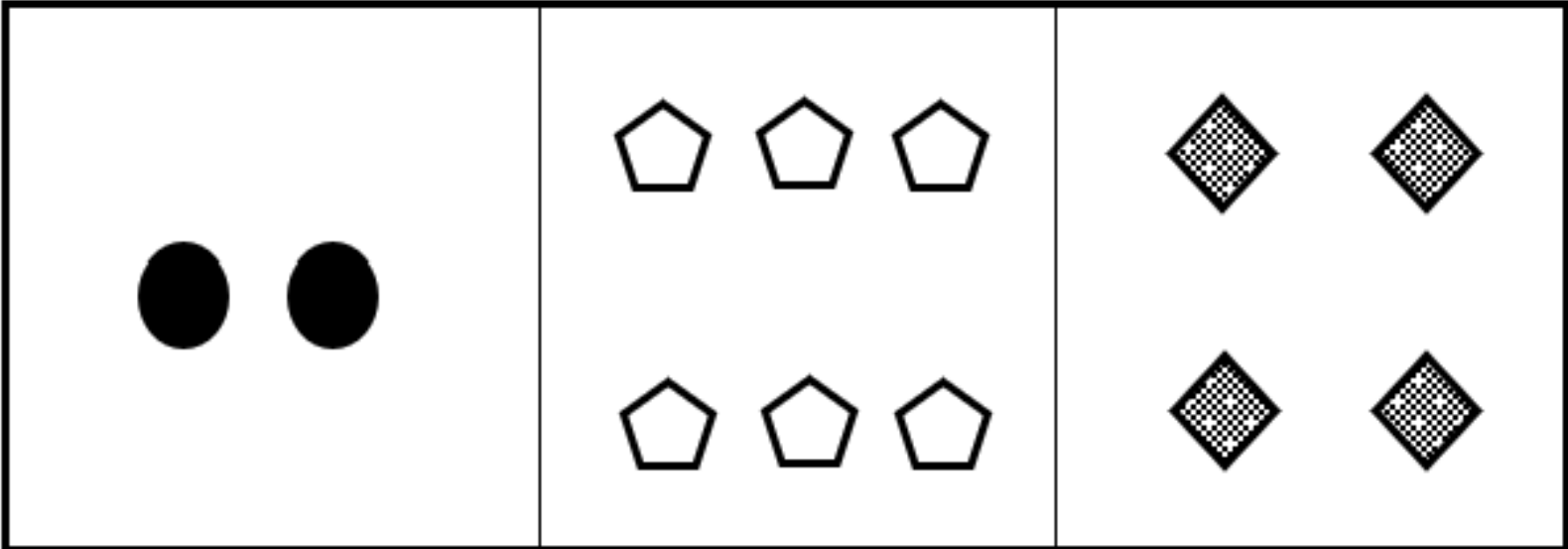


Golden Tip

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

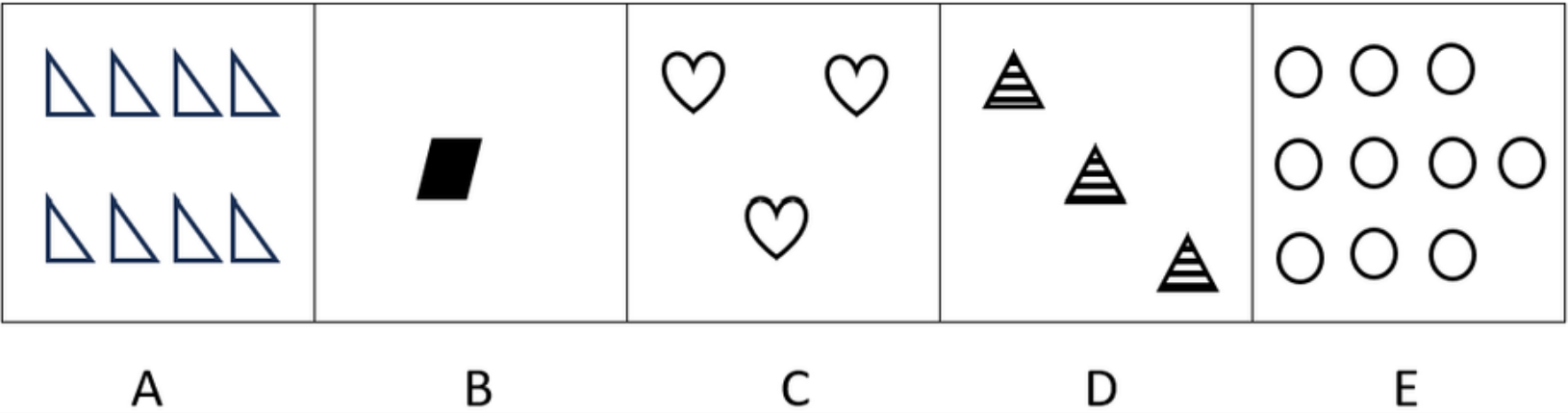


Figure Classification – Question 1

Step-by-Step Explanation

The Rule:
The shapes can be split into two equal groups with one straight line.

1

Study the examples - 2 circles → can split 1 and 1. 6 pentagons → can split 3 and 3
4 diamonds → can split 2 and 2

2

Find the rule - Each correct box can be divided into two equal parts in a simple way.

3

Test the answer options - **A:** 8 triangles → 4 and 4 → correct **B:** 1 shape → cannot split evenly → wrong
C: 3 hearts → cannot split evenly → wrong **D:** 3 triangles → cannot split evenly → wrong **E:** 10 circles but arranged 3-4-3 → no simple equal split → wrong

✓

Conclusion: Therefore, option A is correct.



Question Reference

A	B	C	D	E

Figure Classification

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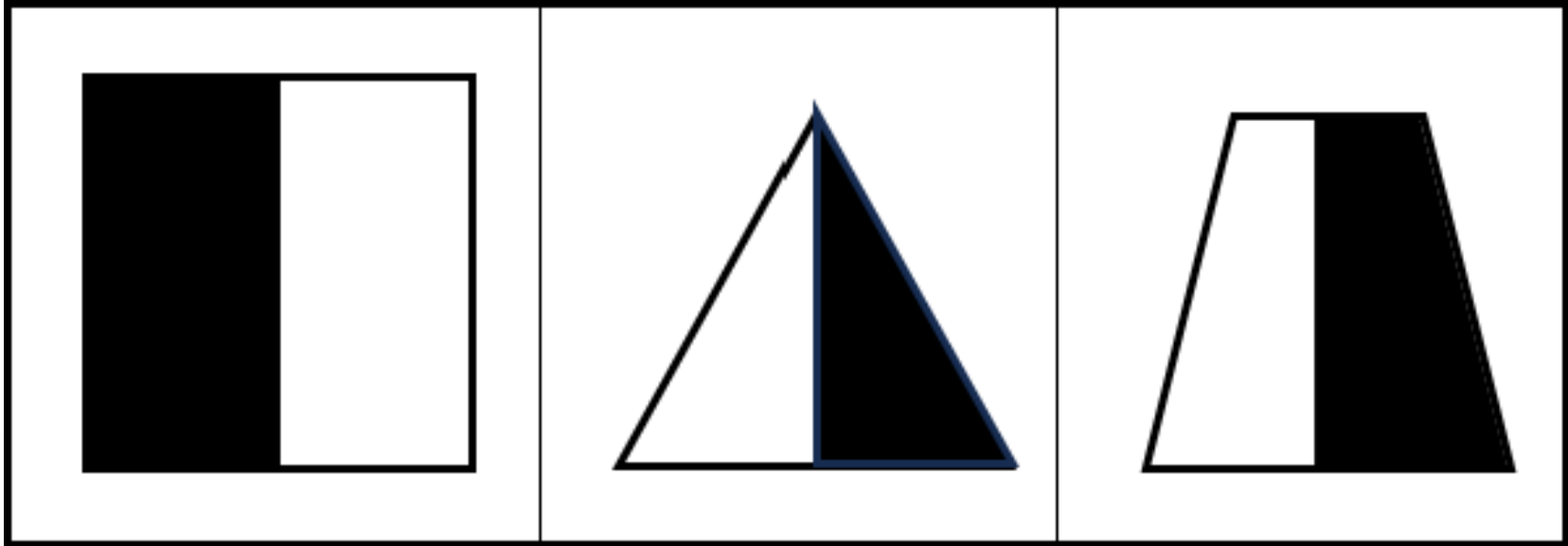


Golden Tip

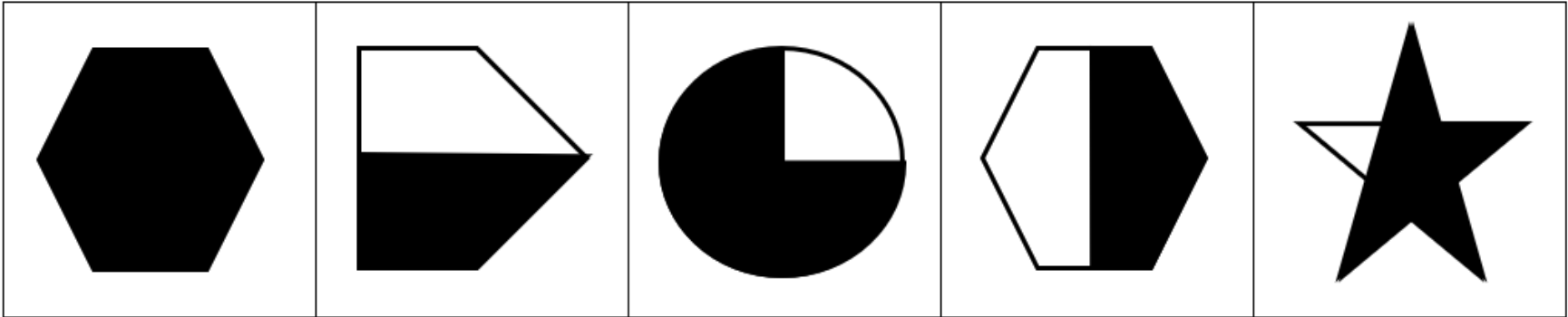
In classification questions, first state the common rule of the given figures, then eliminate any answer choice that breaks even one part of that rule.

Question 2

Choose the shape that follows the same rule



OPTIONS



A

B

C

D

E

Figure Classification – Question 2

Step-by-Step Explanation

- The Rule:**

Each test shape is divided by one straight vertical line — running from top to bottom. One half of the shape is coloured black, and the other half is left white.
- 1 **Study the examples – Rectangle** → split top-to-bottom, left half black, right half white. Triangle → split top-to-bottom, left half white, right half black. Trapezoid → split top-to-bottom, left half white, right half black.
- 2 **Find the rule** - Every shape is cut by one straight vertical line into two equal halves, with one side black and one side white. The line always runs from top to bottom, never left to right.
- 3 **Test the answer options** - **A** and **E** are solid black with no white half → wrong. **B** is split top/bottom (horizontal), not left/right → wrong. **C** is split into quarters, not two clean halves → wrong. **D** is split left/right, one half white, one half black → correct
- ✓ **Conclusion:** Answer B looks tempting because it is split into black and white — but the line runs the wrong way (horizontal, not vertical). Only Answer D matches the rule exactly: a vertical line with one black half. Therefore, option D is correct.



Question Reference

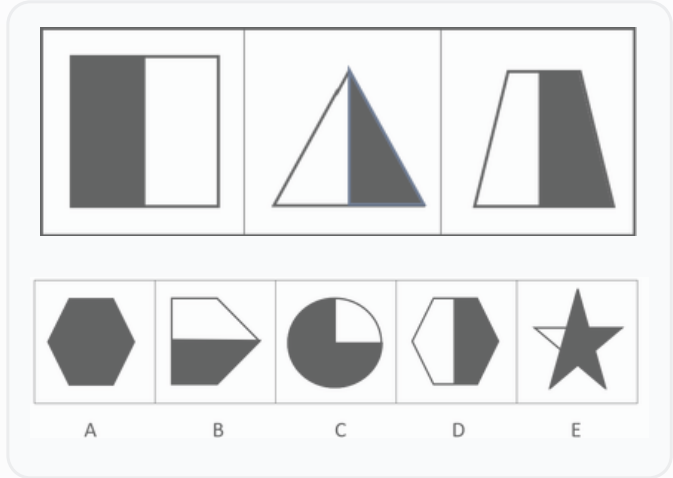


Figure Recognition

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.

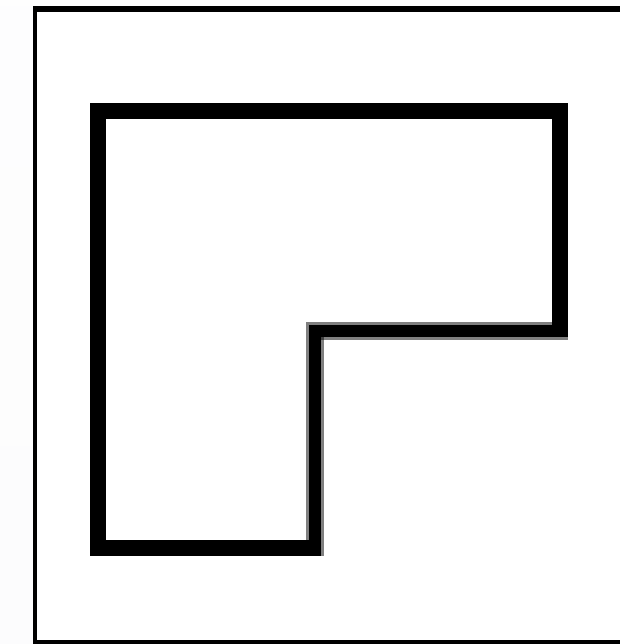


Golden Tip

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 3

Which figure includes the target shape exactly as shown above?



OPTIONS

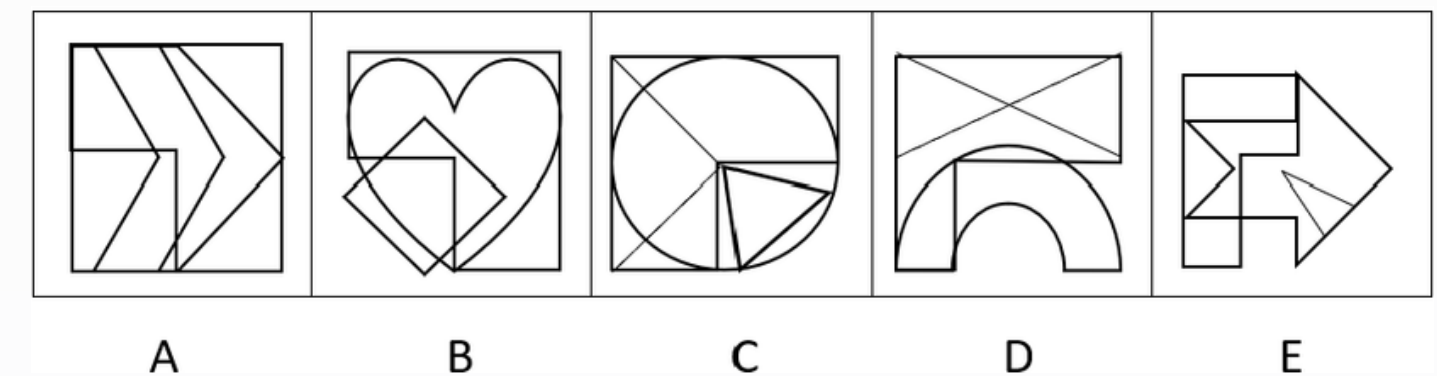


Figure Recognition – Question 3

Step-by-Step Explanation

The Rule:

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

1

Identify the test shape - Look at the top shape. It is an L-shape with a clear “step”: a **long top line**, a **long left side**, and a **small inward corner** on the right.

2

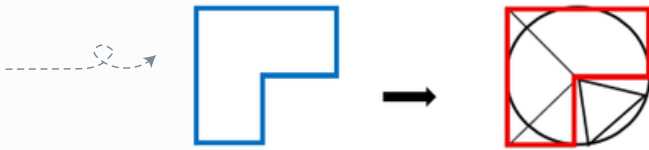
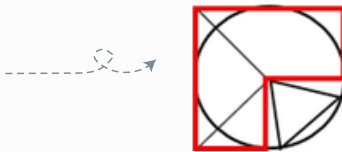
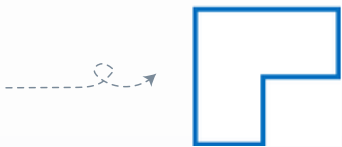
Scan the answer options - Check A–E. In each option, ignore the extra lines and curves. Only look for the **same L outline**.

3

Find the exact match - A, B, D, E: the outline is different, or the L is not in the same direction. C: contains the exact same **L-shape** in the same direction.

✓

Conclusion: Therefore, **option C** 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

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.

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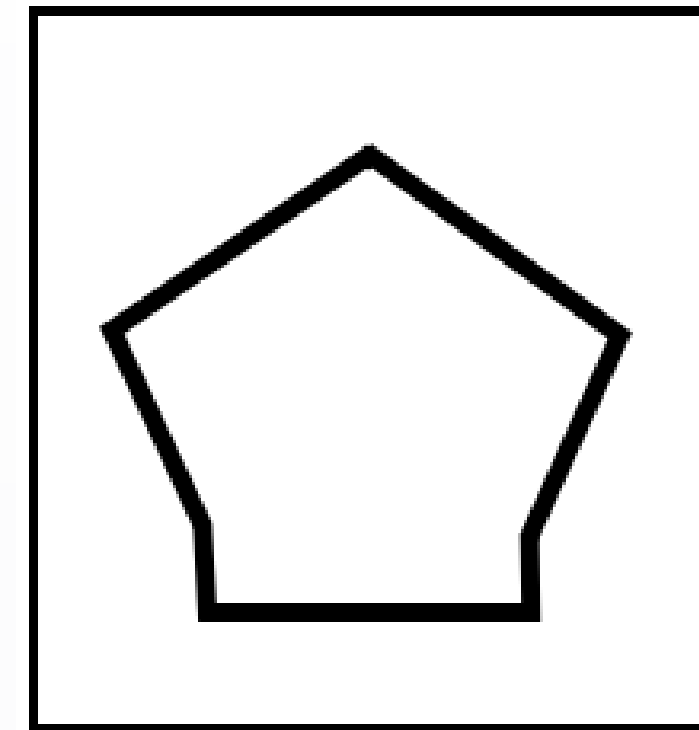


Golden Tip

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

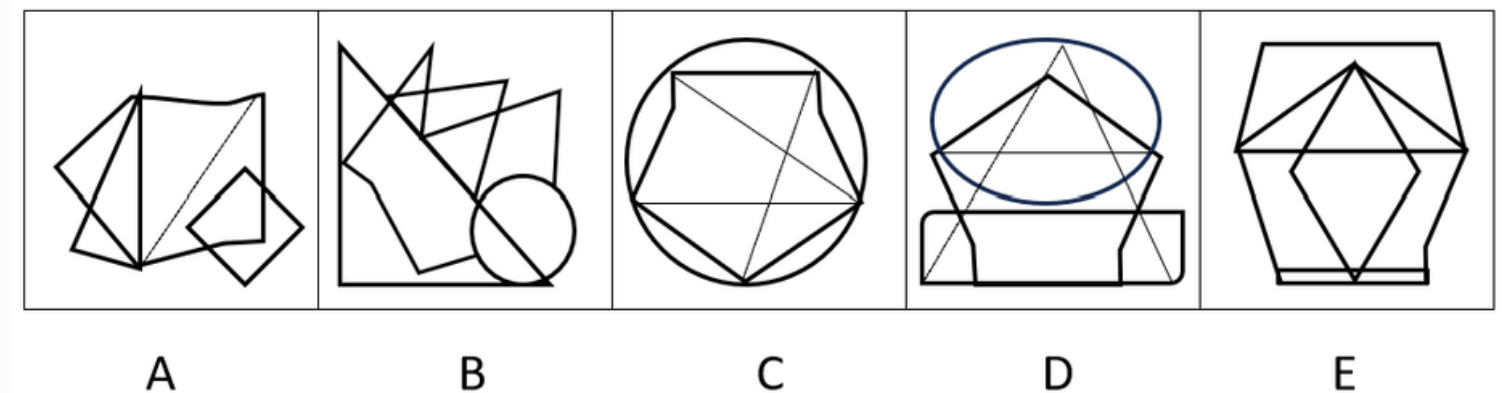


Figure Recognition – Question 4

Step-by-Step Explanation

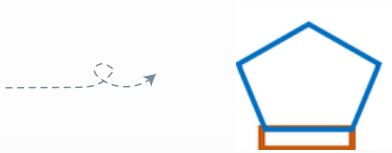
The Rule:
The test shape is made of a pentagon sitting on top of a rectangle — one shape stacked directly on another.

1 **Step 1 – Study the test shape:** A pentagon is placed on top of a rectangle, sharing its bottom edge.

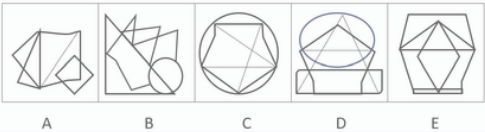
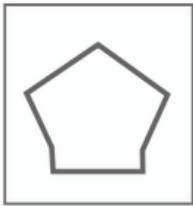
2 **Step 2 – Find the rule:** We're looking for that same pentagon-on-rectangle combination hidden inside the answer choices — even if it's tilted, overlapped, or partly covered by other shapes.

3 **Find the exact match** - A, B, C, E: no pentagon-on-rectangle combination present → wrong
D: pentagon sitting on a rectangle, hidden among extra lines → correct

✓ **Conclusion:** Only Answer D hides the exact pentagon-on-rectangle combination from the test shape, so the correct answer is D.



Question Reference



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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?

ruler | thermometer | measuring jug

OPTIONS

- A) scissors
- B) scales
- C) pencil
- D) hammer
- E) pillow

Verbal Classification – Question 5

Step-by-Step Explanation

The Rule:

The three words are tools used to measure something.

1

Identify the group - A ruler measures length.
A thermometer measures temperature. A measuring jug measures liquid amount.

2

Check the options - A) scissors → used for cutting, not measuring. B) scales → used for measuring weight.
C) pencil → used for writing. D) hammer → used for hitting nails. E) pillow → used for sleeping/rest.

3

Confirm the match -
Only scales is also a measuring tool, like the first three words.

✓

Conclusion: Therefore, **option B** is correct.
It belongs to the same group as the first three words -> measuring tools.

 Question Reference

ruler | thermometer | measuring jug

A) scissors
B) scales
C) pencil
D) hammer
E) pillow

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 6

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

apple | banana | orange

OPTIONS

- A) chair
- B) grape
- C) dog
- D) spoon
- E) cloud

Verbal Classification – Question 6

Step-by-Step Explanation

The Rule:
The three words are all fruits.

1

Identify the group - Apple, banana, and orange are all fruits you can eat.

2

Check the options - chair (furniture), grape (fruit), dog (animal), spoon (utensil), cloud (in the sky).

3

Confirm the match -
Only grape is also a fruit → correct.



Conclusion: Answer B, grape, belongs to the same group as apple, banana, and orange — they are all fruits.

Question Reference

apple | banana | orange

- A) chair
- B) grape
- C) dog
- D) spoon
- E) cloud

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

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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, $\times 2$).

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 7

Which number continues the sequence correctly?

2, 4, 6, 8, 10, ?

OPTIONS

A) 11

B) 12

C) 13

D) 14

E) 15

Number Series – Question 7

Step-by-Step Explanation

The Rule:
The series goes up by 2 each time.

1 **Identify the pattern** - $2 \rightarrow 4$ is $+2$. $4 \rightarrow 6$ is $+2$. So the pattern is $+2$ each step.

2 **Check the pattern in the series** - $6 \rightarrow 8$ ($+2$), $8 \rightarrow 10$ ($+2$). The next move must also be $+2$.

3 **Apply the next step** - $10 + 2 = 12$.

✓ **Conclusion:** Therefore, option B is correct. The missing number is 12.

 Question Reference

2, 4, 6, 8, 10, ?

- A) 11
- B) 12
- C) 13
- D) 14
- E) 15

Number Series

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

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



Golden Tip

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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?

15, 13, 14, 12, 13, 11, ?

OPTIONS

- A) 9
- B) 10
- C) 12
- D) 13
- E) 14

Number Series – Question 8

Step-by-Step Explanation

The Rule:
The series repeats two moves: -2 , then $+1$.

1 **Identify the pattern** - $15 \rightarrow 13$ is -2
 $13 \rightarrow 14$ is $+1$. So the pattern is $-2, +1$.

2 **Check the pattern in the series** - $14 \rightarrow 12$ (-2), $12 \rightarrow 13$ ($+1$)
 $13 \rightarrow 11$ (-2), so the next move must be $+1$.

3 **Apply the next step** - $11 + 1 = 12$.

✓ **Conclusion:** Therefore, **option C** is correct. The missing number is 12.

🔍 Question Reference

15, 13, 14, 12, 13, 11, ?

- A) 9
- B) 10
- C) 12
- D) 13
- E) 14

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