Breadalbane Academy

S1 CAT September 2023

What is CAT?

- Cognitive
- Ability
- Testing

CAT assesses:
- reasoning with words;
- reasoning with numbers;
- reasoning with shapes and designs;
- thinking with and mentally manipulating precise shapes.

Why are we conducting CAT?

- The set of four scores obtained from assessments with CAT provides a profile of YOUR abilities.

- CAT reveals YOUR hidden potential by assessing the other main types of reasoning ability known to make a difference to learning and achievement.

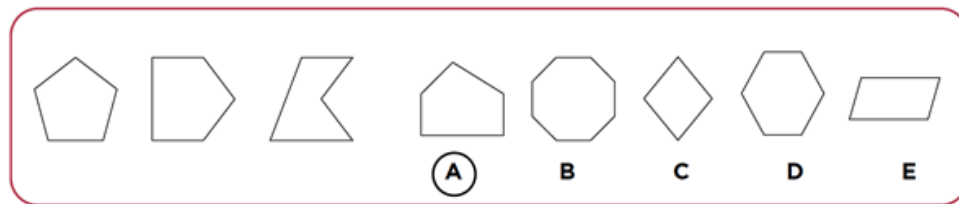- Explaining the CAT4 Batteries   Video

Before you take the tests

CAT4 digital tests time chart

CAT4 Digital Levels A-G	Test time*	Approximate time needed for instructions, examples and practice items	Approximate length of test session
Part 1			
Figure Classification	10 minutes	5 minutes	30 minutes + settling time
Figure Matrices	10 minutes	5 minutes	
Part 2			
Verbal Classification	8 minutes	5 minutes	41 minutes + settling time
Verbal Analogies	8 minutes	5 minutes	
Number Analogies	10 minutes	5 minutes	
Part 3			
Number Series	8 minutes	5 minutes	41 minutes + settling time
Figure Analysis	9 minutes	5 minutes	
Figure Recognition	9 minutes	5 minutes	

*A timer appears on screen and counts down from the time allocated to each test. This cannot be overridden as the tests in CAT4 are strictly timed. If a student does not reach the end of the test in the given time, the test will time out and the student will be moved to the next section or will exit the test.
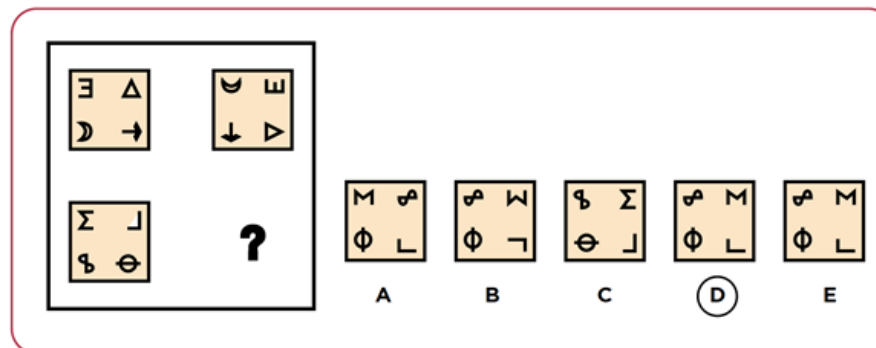
During the tests

Nonverbal reasoning (Part 1)

In the Figure Classification test, each question presents students with three separate figures. You have to identify the conceptual link or underlying characteristic that all three figures have in common. You then have to select the one figure from five answer options that goes with the first three.

In the Figure Matrices test, each question presents a figural analogy in the form of 'A-B, C-_'. You have to work out how the first pair of figures is related to each other and then select from five answer options the one that completes the second pair.

During the tests

Verbal Reasoning (Part 2)

In the Verbal Classification test, each question presents three words that are all similar in some way. You have to identify the conceptual link between the three words and then select from a list of five further words the one that best fits with the first three.

doubtful   confusing   vague

A false   B hidden   C insecure   (D) uncertain   E fearful

In the Verbal Analogies test, each question presents a verbal analogy in the form of 'A-B: C-_'. You have to work out how the first pair of words is related to each other and then select from five answer options the one that completes the second pair.

blue → colour : socks →

(A) clothing   B feet   C shoes   D pair   E wear

During the tests

Quantitative reasoning (Part 2 and Part 3)

In the Number Analogies test, each question presents three pairs of numbers, such as '4-6, 8-10, 9-_'. You have to work out how the pairs of numbers are related and then complete the third pair by selecting the answer from the five options presented.

[5 → 13]   [11 → 19]   [6 → ?]   **A** 9   **B** 12   **C** 14   **D** 16   **E** 18
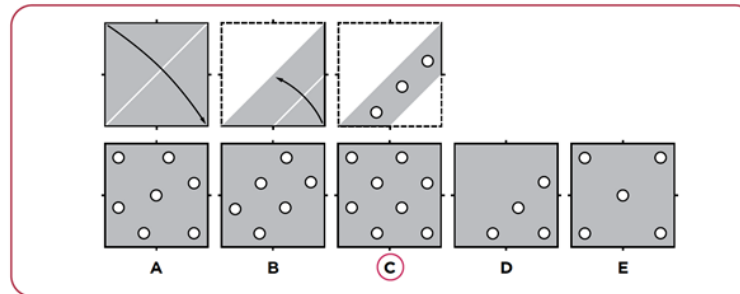
In the Number Series test, you have to work out the rule underlying the progression in the number series in each question and then select the next number in the series from the five options presented.

3   7   15   31   63   →   **A** 94   **B** 96   **C** 97   **D** 127   **E** 137
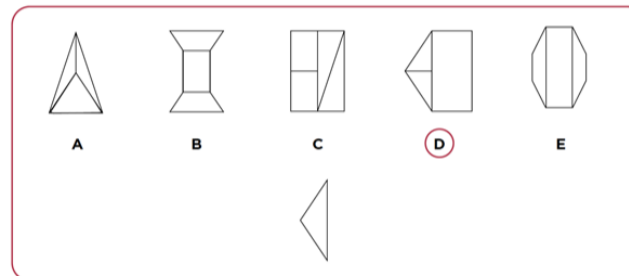
During the tests

Spatial ability (Part 3)

In the Figure Analysis test, each question presents students with a square that is repeatedly folded and then has one or more holes punched through it. You have to work out what the final product would look like when unfolded, and select this from the five answer options provided.

In the Figure Recognition test, students are shown five complex designs as line drawings with a target shape below. You have to identify which of the five designs **contains the exact same size outline** of the target, including each side in full.

To recap…

Part 1 – Wednesday 4th October

- Figure classification
- Figure matrices

Part 2 – Thursday 5th October for M/S and Friday 6th October for F/L

- Verbal classification
- Verbal analogies
- Number analogies

Part 3 – Thursday 5th October for M/S and Friday 6th October for F/L

- Number series
- Figure analysis
- Figure recognition