

Free CogAT 4th Grade Sample Questions



ELM ACADEMY

What is the CogAT?

The Cognitive Abilities Test, or [CogAT](#), is a nationally standardized multiple-choice test that is often used to identify students for gifted and talented programs. The test is divided by grade level, with the [CogAT Level 10](#) being administered to 4th graders. The most current version of the test, the CogAT Form 8, has three sections: Verbal, Nonverbal, and Quantitative. Each of these sections has three unique question types. The table below shows all nine question types:

| Verbal Battery | Nonverbal Battery | Quantitative Battery |
|--------------------------------|-----------------------------------|--------------------------------------|
| Verbal Analogies | Figure Matrices | Number Analogies |
| Sentence Completion | Figure Classification | Number Puzzles |
| Verbal Classification | Paper Folding | Number Series |

You can view a sample question from each battery below. Answers and explanations can be found at the end. For more free sample questions and to try out a free timed quiz on our website, check out our [Free CogAT 4th Grade Sample](#):

[Free CogAT Practice](#)

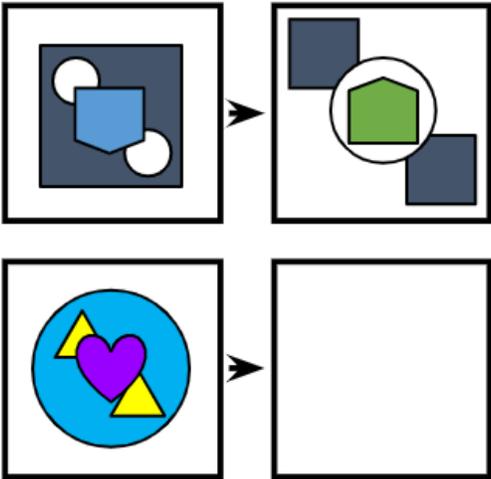
Continue to the next page to view the free sample questions.

Verbal Sample Question: Verbal Analogies

humble → *arrogant*: *ancient* →

- a. modest
- b. modern
- c. pompous
- d. antique
- e. classical

Nonverbal Sample Question: Figure Matrices



A

B

C

D

E

Quantitative Sample Question: Number Series

41 45.6 38.6 43.2 36.2 ?

- a. 29.2
- b. 39.8
- c. 40.8
- d. 42.8
- e. 41.4

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Continue to the next page to view the answers and explanations.

Answers & Explanations

Verbal Analogies: B. The correct answer is *modern*. *Humble* and *arrogant* are antonyms, since they have opposite meanings. *Ancient* and *modern* are also antonyms.

Figure Matrices: C. In the top row, there are four shapes in the first box: a large grey square, two small white circles, and a small blue pentagon. In the second box, each of these shapes has changed. First, the large grey square becomes two smaller grey squares which move to the top left and bottom right corners. Second, the two white circles become one larger white circle. Third, the pentagon does not move or change size, but it changes colors from blue to green and rotates upside down. Notice that the layering of the shapes stays the same as well: the grey squares remain in the back, with the white circles in the middle and the pentagon in front.

The bottom row will have the same pattern. This means the large blue circle will become two smaller blue circles, the two smaller yellow triangles will become one larger yellow triangle, and the purple heart will stay the same size but will rotate upside down and change colors. The layering will stay the same as well, meaning that the circles will be in the back, the triangle will be in the middle, and the heart will be in the front.

Number Series: C. The correct answer is 40.8. There are two patterns in this question. First, 4.6 is added from the first number to the second ($41 + 4.6 = 45.6$). Then, 7 is subtracted ($45.6 - 7 = 38.6$). This pattern then repeats ($38.6 + 4.6 = 43.2$). Continuing this pattern, the correct answer will be $36.2 + 4.6$, which is 40.8.

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Wishing you the best of luck!

