

TIMES AND DESCRIPTIONS

CogAT Forms 7 and 8 Testing Times and Descriptions

Battery/Test		Description	Approximate Testing Time (in minutes)
LEVELS 5/6-8 (GRADES K-2)			
VERBAL	Test 1: Picture Analogies	Students examine the two pictures to determine how they are related. Then they apply this relationship to several pairs of pictures and choose the pair related in the same way.	13-15
	Test 2: Sentence Completion	Students listen to a sentence or question read aloud in English or Spanish and then select the picture that best completes the sentence or answers the question.	13-14
	Test 3: Picture Classification	In each question, students examine three pictures and think of ways in which the pictures are alike. Then they select the picture that belongs in the same group.	13-14
QUANTITATIVE	Test 4: Number Analogies	Each question shows a 2 x 2 matrix and requires the same processes as the Picture Analogies test, but it uses quantitative rather than verbal concepts.	13-15
	Test 5: Number Puzzles	Each question shows two trains. Students select the answer that makes the second train carry the same number of objects as the first train.	11-15
	Test 6: Number Series	Each question shows several strings of beads that make a pattern. Students discover the pattern, then select the string of beads that comes next in the sequence.	13-15
NONVERBAL	Test 7: Figure Matrices	Each question shows a 2 x 2 matrix and requires the same processes as the Picture Analogies test but uses figural forms.	11-13
	Test 8: Paper Folding	Students imagine what happens to a piece of paper that is folded, cut or modified in some way, and then unfolded.	10-11
	Test 9: Figure Classification	As on the Picture Classification test, students must infer how three figures are similar and then select the picture that is most like the target set.	10-13
LEVELS 9-17/18 (GRADE 3 AND UP)			
VERBAL	Test 1: Verbal Analogies	Students examine the two words to determine how they are related. Then they apply this relationship to several pairs of words and choose the pair related in the same way.	10
	Test 2: Sentence Completion	Students read an incomplete sentence and then select the answer choice that best completes the sentence.	10
	Test 3: Verbal Classification	In each question, students examine three words and think of ways in which they are alike. Then they select the word that belongs in the same group.	10
QUANTITATIVE	Test 4: Number Analogies	Each question shows a 2 x 2 matrix and requires the same processes as the Verbal Analogies test, but it uses quantitative rather than verbal concepts.	10
	Test 5: Number Puzzles	Each question presents an equation in which elements are missing. The students must substitute numbers for the missing elements and solve the equation.	10
	Test 6: Number Series	Each question contains a series of numbers that follows a pattern. Students identify the rule the numbers follow. Then they apply the rule to find the next number in the series.	10
NONVERBAL	Test 7: Figure Matrices	Each question shows a 2 x 2 matrix and requires the same processes as the Verbal Analogies test but uses figural forms.	10
	Test 8: Paper Folding	Students imagine what happens to a piece of paper that is folded, cut or modified in some way, and then unfolded.	10
	Test 9: Figure Classification	As on the Verbal Classification test, students must infer how three figures are similar and then select the picture that is most like the target set.	10

SAMPLE ITEMS

Samples shown are from the picture-based primary levels

Items from Level 9 (Grade 3) and above in the Verbal and Quantitative batteries are text-based

Levels 5/6-8—Verbal Battery—Picture Analogies

1

The image shows a 2x2 grid. The top-left cell contains a drawing of a human foot. An arrow points from this cell to the top-right cell, which contains a blue and white athletic shoe. The bottom-left cell contains a drawing of a human hand. An arrow points from this cell to the bottom-right cell, which contains a question mark. To the right of the grid are three options: a hand mirror, a hammer, and a yellow glove. Each option has a small circle below it, with the glove option having a red dot, indicating it is the correct answer.

Levels 5/6-8—Verbal Battery—Sentence Completion

Which animal swims in the ocean?

2

The image shows three illustrations of animals: a brown and black spotted cat, a grey shark, and a small white bird perched on a branch. Below each illustration is a small circle. The shark option has a red dot, indicating it is the correct answer.

Levels 5/6-8—Verbal Battery—Picture Classification

3

The image shows six items arranged in two rows separated by a horizontal line. The top row contains a basketball, a soccer ball, and a football. The bottom row contains an apple, a globe, and a basketball hoop. Below each item is a small circle. The apple option has a red dot, indicating it is the correct answer as it is the only item not in the top row.



SAMPLE ITEMS

Samples shown are from the picture-based primary levels

Items from Level 9 (Grade 3) and above in the Verbal and Quantitative batteries are text-based

Levels 5/6–8—Quantitative Battery—Number Analogies

4

Levels 5/6 and 7—Quantitative Battery—Number Puzzles

5

Levels 5/6 and 7—Quantitative Battery—Number Series

6



SAMPLE ITEMS

Samples shown are from the picture-based primary levels

Items in the Nonverbal battery at the higher levels follow the same format but at increasingly harder difficulty

Levels 5/6–8—Nonverbal Battery—Figure Matrices

7

Level 5/6—Nonverbal Battery—Paper Folding

8

Level 8—Nonverbal Battery—Figure Classification

9

