CogAT

Practice Test

Level 7



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Introduction

The purpose of this practice test is to prepare students for the Cognitive Ability Test (CogAT) so that they will be familiar with the different types of questions that will appear on the test. With the help of this practice test, students will learn to follow a row across the page from left to right, to mark their answers properly, and to change their answers if necessary. Understanding what to expect on the test will improve your child's chances of success as well as help reduce his/her anxiety on test day.

The most current version of the Cognitive Ability Test is the CogAT Form 7. Level 7 of this version contains 136 questions which are separated into three batteries (Verbal, Quantitative and Nonverbal) each consisting of three subtests for a total of nine question types. Children are allotted approximately two hours to complete the test. The sample test below contains ten practice questions for the CogAT Level 7. (The selection covers *all* question types found on the Form 7 tests).

Directions

Read the questions below to your child. If you make a mistake in reading a question, stop, and say, "No that is wrong. Listen again."

Children should be allotted approximately one minute to answer the question after it has been read. As this test is not scored, we recommend that students receive as much assistance as necessary to correctly solve the questions.

Additional Practice and Information

For more information on the CogAT as well as full-length practice tests, hundreds of sample questions and study guides, go to: https://www.testprep-online.com



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Questions

1. **Find question number one, which is marked by a carrot.** The pictures in the boxes on the top belong together in a certain way. What picture belongs with the bottom picture in the same way that the pictures on top belong together?

2. **Find question number two, which is marked by an apple.** Laura's dad prepared a picnic basket for her and her sisters, with five food items. Mark the basket he prepared.

3. **Find question number three, which is marked by a ball.** The three pictures on the left are like each other in some way. Which picture on the right goes best with the pictures on the left?

4. **Find question number four, which is marked by a ladybug.** The pictures in the boxes on the top belong together in a certain way. What picture belongs with the bottom picture in the same way that the pictures on top belong together?

5. **Find question number five, which is marked by a leaf.** Look at the trains on the first and second row. We need to make the two trains carry the same number of things. How many things should we put on, or take off, the second train to make it carry the same number of things as the first train? (Remember, an item with an X on it is an item we take off the train).

6. **Find question number six, which is marked by a heart.** Look at the picture on the left. Figure out the pattern that the beads in the box make. Now look at the answer pictures. Choose the string of beads that comes next in the pattern.

7. **Find question number seven, which is marked by a lightbulb.** The pictures in the boxes on the top belong together in a certain way. Choose the picture that belongs with the bottom picture in the same way the pictures on top belong together.

8. **Find question number eight, which is marked by a flower.** Look at the top row. See how the paper is folded and changed. Choose the picture that shows how the paper looks when it is opened.

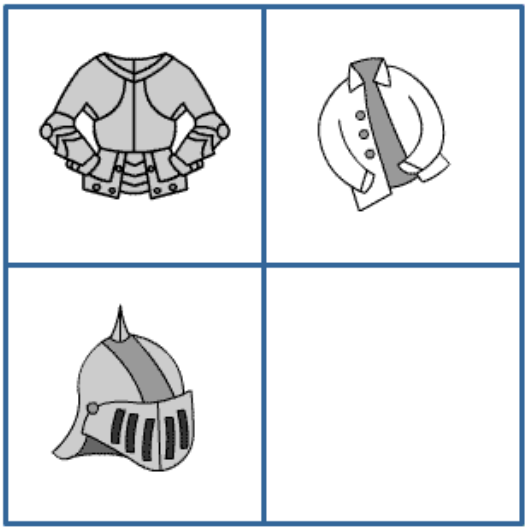
9. **Find question number nine, which is marked by a dragonfly.** Look at the shapes on the left. How are the first three shapes like each other? Choose the picture that is most like the first three shapes.

10. **Find question number ten, which is marked by a lollipop.** Look at the top row. See how the paper is folded and changed. Choose the picture that shows how the paper looks when it is opened.

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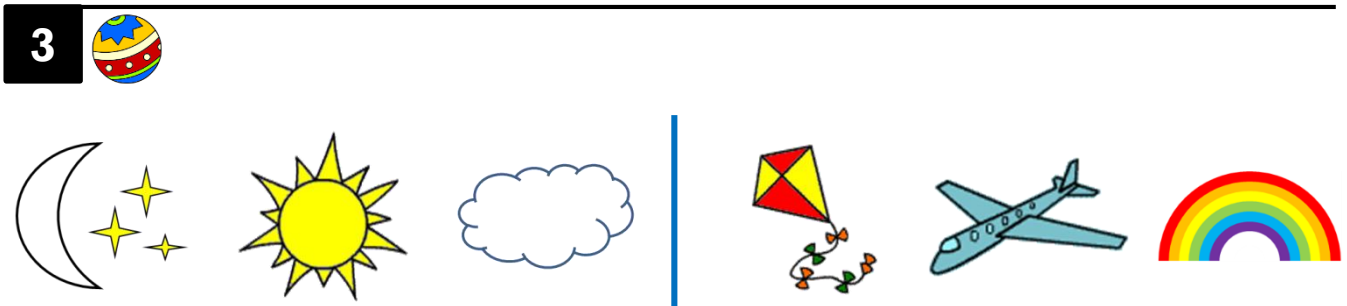




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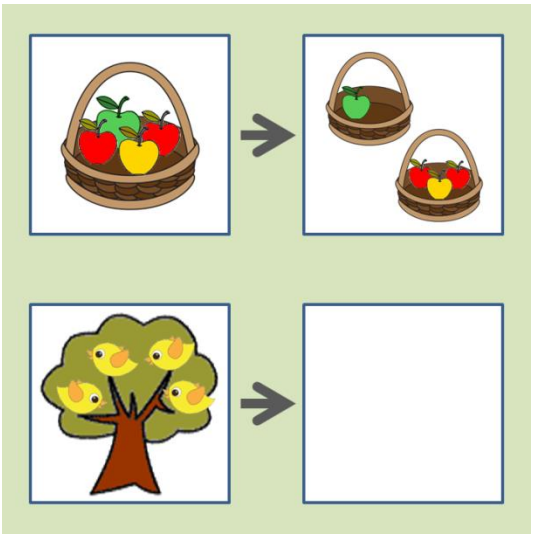


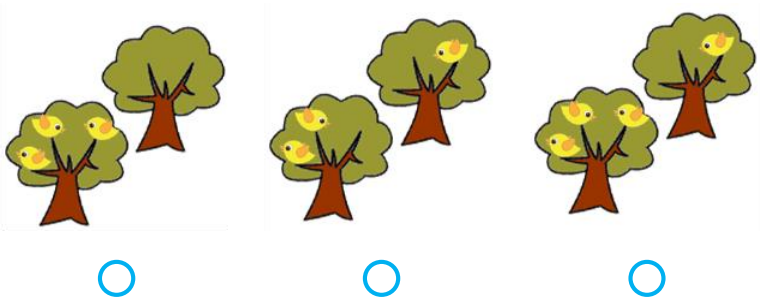
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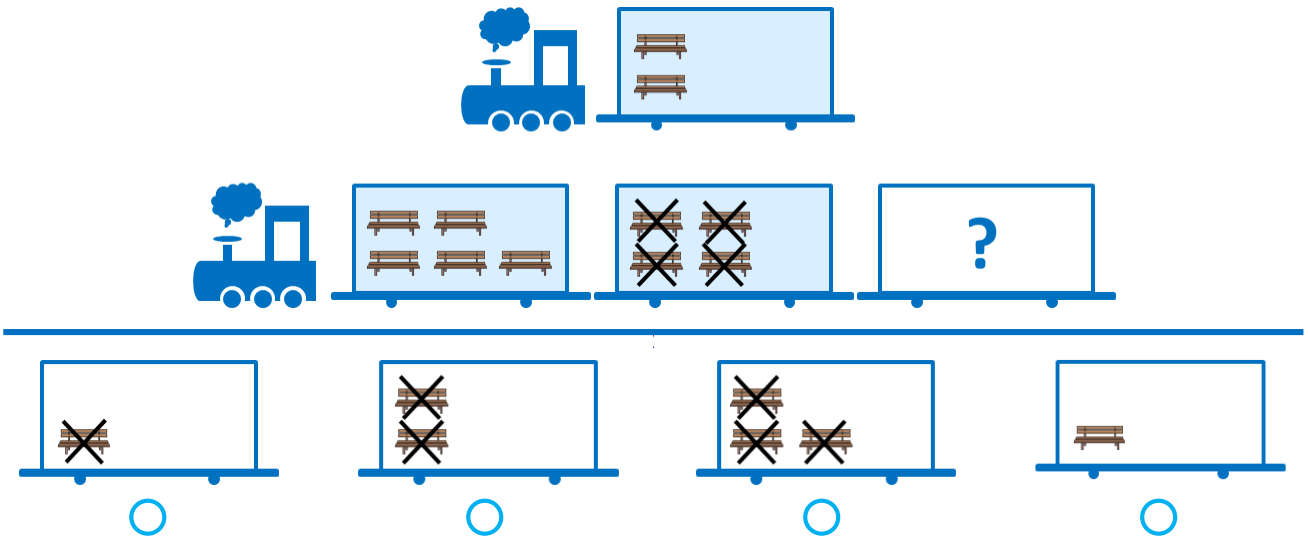
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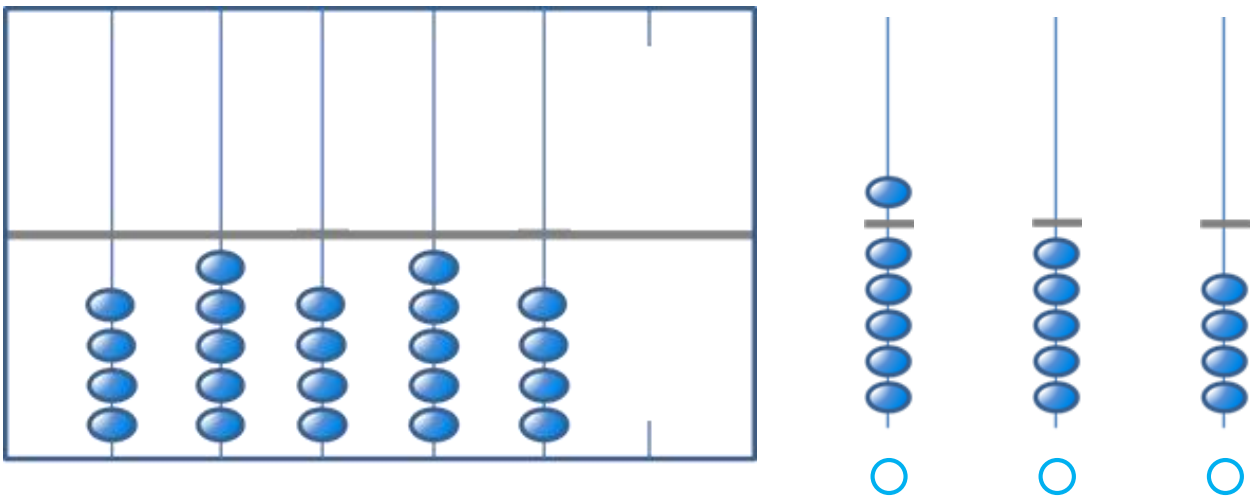


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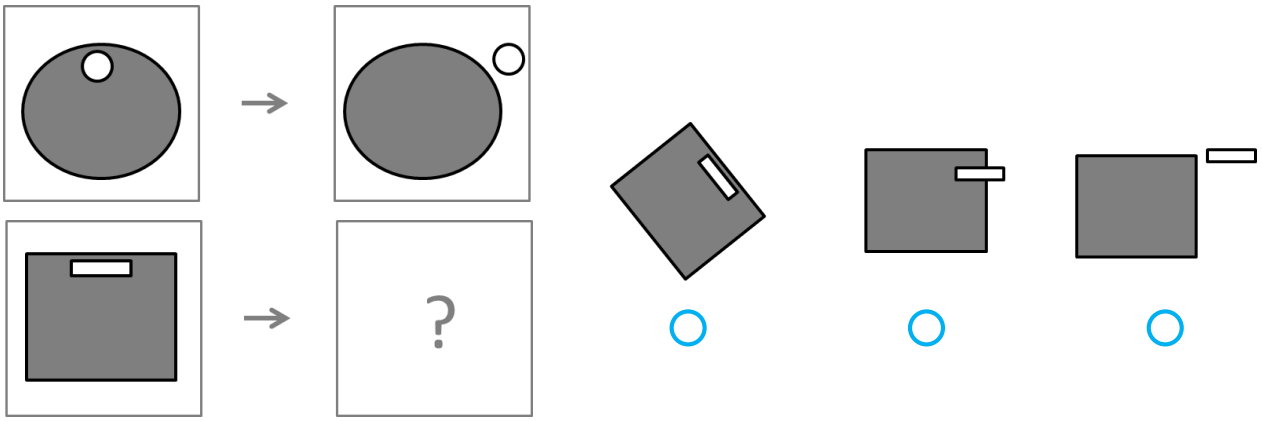


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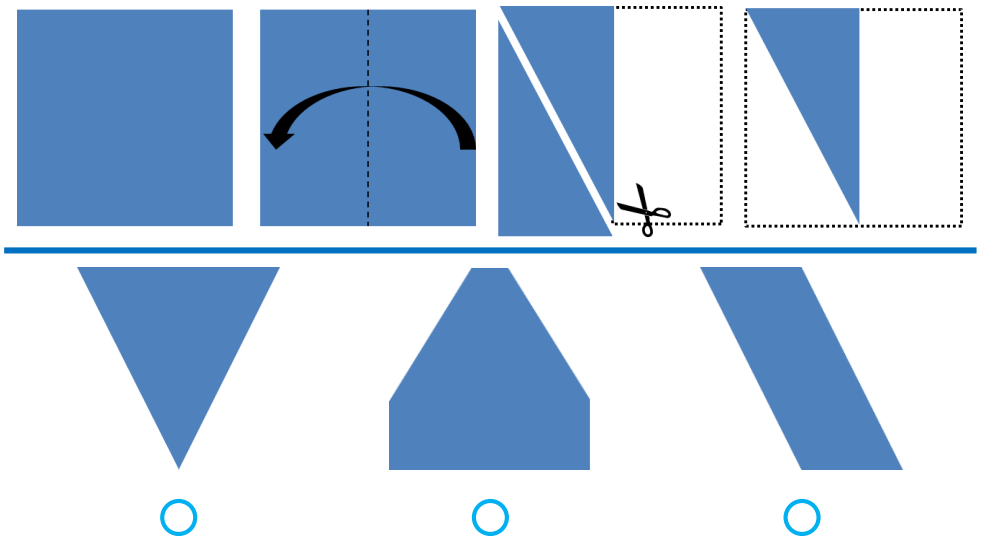


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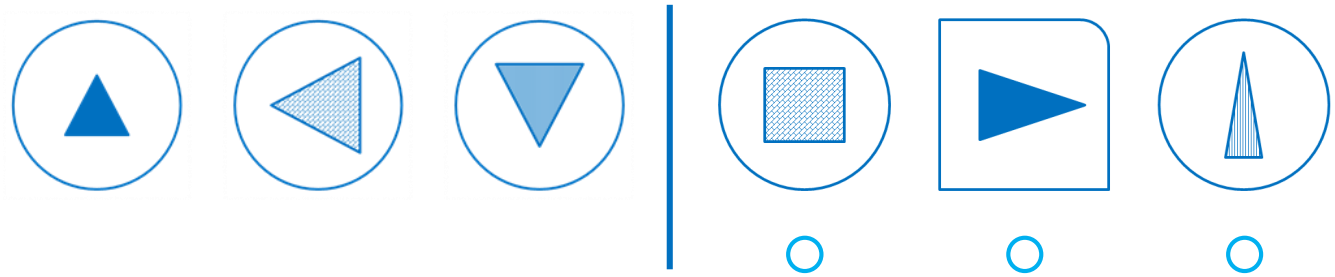


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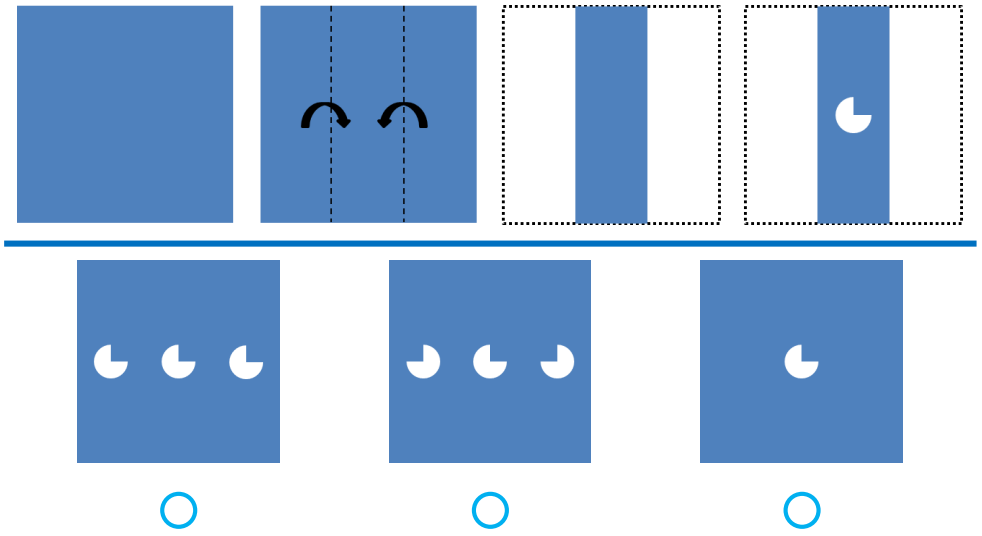
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Answers and Explanations

1. **Choice 2 –** A knight wears a special "shirt" called armor for protection, like a knight wears a special "hat" called a helmet for protection.

2. **Choice 1 –** In answer choice 1 we have a basket with four apples and one banana, which are 5 items, therefore, this is the correct answer. In answer choice 2 we have a basket with one pie and one apple, which are 2 items, therefore, this is not the correct answer. In answer choice 3 we have a basket with 4 bananas, therefore, this is not the correct answer either.

3. **Choice 3 –** Look at the top row. All the items in the top row are things that appear **naturally** in the sky. The correct answer should be a similar item. The airplane and the kite are incorrect because although they appear in the sky, they are manmade and not a part of nature. Therefore the rainbow is the best possible answer and is the correct choice.

4. **Choice 3 –** Look at the top row. In the left frame we have a basket with four apples: one green, one yellow and two red. In the right frame we have the same four apples, divided into two baskets. In the bottom row we should have the same relationship. In the left frame we have tree with four birds, so in the right frame we should have the same 4 birds, sitting on two trees. Answer choice 1 is incorrect because it has only three birds sitting on only one tree. Answer choice 2 is incorrect because it has only three birds as well. Therefore, answer choice **3** which has **four birds** sitting on **two trees** is the correct answer.

5. **Choice 4 –** In the first train there are **two benches**. In the second train there are **five benches** in the first car, but **four benches** are taken away in the second car, so we now have **one bench** (5 - 4 = **1**). How many benches do we need to add to or take off the second train so both trains will carry the same number of benches? We need to **add one bench** to the second train, because 1 + **1** = 2. The only answer choice that shows this number of benches is answer choice **4**, which is the correct answer.

6. **Choice 2 –** At first glance, we can we see that the number of beads is small and then large and then small again and so on. Since the last string in the question has a small number of beads, the next string should have a larger number of beads, so we know that answer choice 3 is not the correct answer because it has the same number of beads as the last string. To find the correct answer, we need to figure out the pattern of the beads in the question. As we go from left to right first we have 4 beads and then 5 beads, then we have 4 beads and 5 beads again, and finally 4 beads. The number of beads changes back and forth between 4 and 5. Since on the last string we have 4 beads, there should be 5 beads on the next string. Therefore, the correct answer is the one with **5** beads.

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7. **Choice 3 –** Look at the top row. The outer shape on the right looks **like the one on the left**, only the **smaller shape** inside it has been **moved outside**. In the bottom row we should have the same pattern. In answer choice 1 the outer shape has turned on its side and the smaller shape remained inside it, so it is not the right answer. In answer choice 2 the smaller shape has not been moved outside completely, part of it is still inside, so it is not the right answer either. We are left with answer choice **3**, which is the correct answer.

8. **Choice 1 –** First, the square paper is folded in half lengthwise. Then, a large triangular shape is cut out of the folded paper. Therefore, both sides of the unfolded paper will be missing this piece. Answer choice 2 is incorrect because the cut that was made did not reach the upper edge of the paper, so this edge should be whole. Answer choice 3 is incorrect because the right side does not mirror the left side. We are left with answer choice **1**, which is the correct answer.

9. **Choice 3 –** In this question all three figures are **circles** with a **triangle** inside. Answer choice 1 includes a square and not a triangle, so it can be eliminated. Answer choice 2 does not include a circle, so it can be eliminated as well. The only answer choice that follows the rule is the 3rd choice. Therefore, the **3rd** choice is the correct answer.

10. **Choice 2 –** First, the square paper is folded from the left and right edges towards the middle of the square, forming three layers. Then, a small shape is cut out of the folded paper. Therefore, all three parts of the unfolded paper will be missing this shape. The shape should flip over each fold and mirror the one opposite it. Answer choice 1 is incorrect because the shapes are all identical and do not reflect each other like in a mirror. Answer choice 3 is incorrect because it only has one shape and not three. We are left with answer choice **2**, which is the correct answer.

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