

CogAT

Practice Test

Level 11



TestPrep - Online



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 11 of this version contains 176 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 and a half hours to complete the test. The sample test below contains ten practice questions for the CogAT Level 11. (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>





Questions

1. **Find question number one.** What is the relationship between the first two words? Choose the answer that relates to the third word in the same way that the first two words are related.
2. **Find question number two.** Choose the word that best completes the sentence.
3. **Find question number three.** Think about how the words in the top row go together. Which word in the bottom row fits best with the words in the top row?
4. **Find question number four.** What is the relationship between the first two words? Choose the answer that relates to the third word in the same way that the first two words are related.
5. **Find question number five.** Every pair of numbers in this row follows the same rule. What rule do the first two pairs follow? Choose the answer that will make the third pair follow the same rule as the first two pairs.
6. **Find question number six.** Which number goes in the square with the question mark?
7. **Find question number seven.** What number comes next in the series?
8. **Find question number eight.** Look at the grid on the left. 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.
9. **Find question number nine.** How are the first three shapes like each other? Fill in the circle under the picture that is most like the first three shapes.
10. **Find question number ten.** Look at the top row. See how the paper is folded and changed. Fill in the circle under the picture that shows how the paper looks when it is opened.

**1****Persuade → convinced : heal →**

- ☐ medicine ☐ cured ☐ agent ☐ hospital ☐ doctor

2

“When you go on your field trip, be careful not to fall into the _____!” Joey’s mother _____ him.

- ☐ gorge .. warned ☐ hill .. reminded ☐ creek .. anxious ☐ river .. congratulated ☐ gorge .. cautiously

3**horizontal vertical parallel**

- ☐ direction ☐ horizon ☐ verbal ☐ diagonal ☐ fast

4**Tuesday → Wednesday : March →**

- ☐ Thursday ☐ August ☐ April ☐ Sunday ☐ February

5**[28 → 4] [21 → 3] [35 → ?]**

- ☐ 7 ☐ 30 ☐ 3 ☐ 31 ☐ 5

6**25 = ? ÷ 5**

- ☐ 250 ☐ 125 ☐ 100 ☐ 75 ☐ 25



7

2 14 6 18 10 22 ?

☐ 14

☐ 10

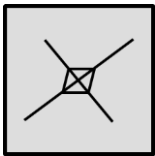
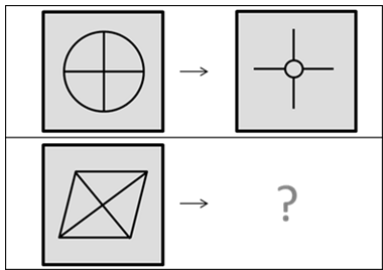
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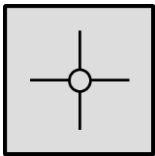
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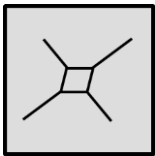
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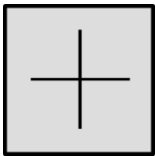
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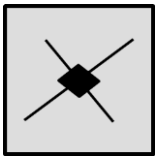
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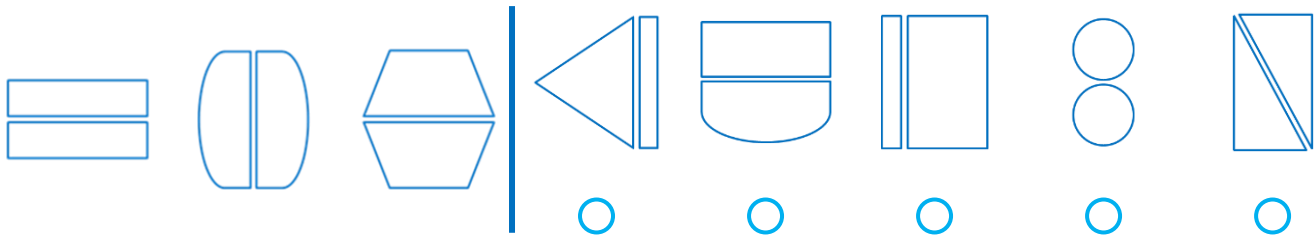


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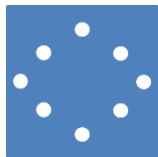
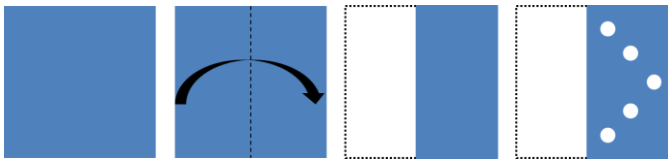


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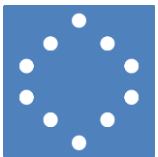
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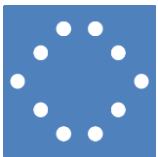
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Answers and Explanations

1. **Choice 2** – The correct answer is: **cured**. To **persuade** is to make someone **convinced**, in the same way that to **heal** is to make someone **cured**.
2. **Choice 1** – The correct answer is **gorge .. warned**. A 'gorge' is a deep ditch or canyon, so it would make sense for a person to fall into one, and for his or her mother to warn them to be careful. When we look at the second pair, we can immediately see that it would not be possible for Joey to fall into a hill, which is a higher place, so we can eliminate this answer. In the third pair the word 'creek' could fit well in the first sentence, but the word 'anxious' does not fit in the second sentence, which calls for a verb. In the fourth pair, the word 'river' could be a good match, but the word 'congratulated' does not fit, because it means to compliment someone. In the last pair, the word 'gorge' is again fitting, but the conjugation of the second word is incorrect, and would need to read 'cautioned' in order to fit the sentence. Therefore, the only correct answer is **gorge .. warned**.
3. **Choice 4** – The correct answer is **diagonal**. These are all adjectives describing the way an object is **positioned**.
4. **Choice 3** – The correct answer is **April**. **Tuesday** comes immediately before **Wednesday**, like **March** comes immediately before **April**.
5. **Choice 5** – The correct answer is **5**. Look at the numbers in the first pair and try to find the rule they follow. How do we get from 28 to 4? We see that if we divide the first number by 7, we get the second number. $28 \div 7 = 4$. Does this rule work for the second pair, as well? When we divide 21 by 7, we get 3. $21 \div 7 = 3$. The rule "divide the first number by 7 to get the second" works in both pairs, so in the next pair we should also divide by 7: $35 \div 7 = 5$. Therefore, **5** is the correct answer.
6. **Choice 2** – The correct answer is **125**. We are asked to solve for the '?'. The first thing to notice when solving this type of question is that both sides of the equation must be equal. What number divided by 5 equals 25? To solve it, we need to reverse the operation and multiply 25 by 5: $25 \times 5 = 125$. This means that **? = 125**.
7. **Choice 1** – The correct answer is **14**. In this series, the pattern is as follows: first 12 is added, then 8 is subtracted, then 12 is added, then 8 is subtracted, and so on. The pattern is: **+12, -8, +12, -8, ...**. The last two numbers in this series are 10 and 22. 22 is bigger than 10 by 12, so the next number in the series should be smaller than 22 by 8. $22 - 8 = 14$. Alternatively, we can look at the pattern as the combination of two separate patterns that alternate. One pattern (the odd terms) is a series of numbers that increase by 4, and the other pattern (the even terms) is another series that increases by 4. The pattern is: 2 **14** 6 **18** 10 **22**. We are missing the seventh number which is an odd term; therefore it should be bigger than the last odd term (the fifth number) by 4. The fifth number is 10, so: $10 + 4 = 14$. Therefore, **14** is the correct answer.



8. **Choice 3** – Look closely at the top row from left to right: In the left frame there is a circle with a vertical and a horizontal line inside. In the next frame (on the right), the circle **shrinks** and, in the center, **overlaps the lines**. The same pattern should occur in the bottom row: In the left frame, there is a diamond with two diagonal lines. In the next frame, the diamond should shrink and overlap the diagonal lines in the center of the frame. The 1st choice is incorrect as the diamond is transparent and the lines can be seen. The 2nd choice is incorrect since the lines are no longer diagonal and the shape in the middle is a circle instead of a diamond. The 4th choice is incorrect since the lines are not diagonal and there is no shape in the center. The 5th choice is incorrect as it contains a black (not grey) diamond. We are left with the 3rd choice, which is the only correct answer.
9. **Choice 5** – All three figures in this question contain shapes **divided in half**. The only answer choice which follows this rule is the 5th choice. Therefore, the 5th choice is the correct answer.
10. **Choice 4** – The square paper was first folded **in half lengthwise** and then **five holes** were cut out of the folded paper. Since the paper was folded in half once, the holes were cut through **two layers** of paper. Therefore, when the paper is unfolded it will have **ten holes**: $5 \times 2 = 10$. The 3rd and 5th answer choices only have five holes each, so they can be eliminated. Since the paper was folded lengthwise down the middle the holes on the left must **mirror** the holes on the right. We can eliminate the 2nd answer choice since it has two holes next to both the left and right edges of the paper rather than one hole, as seen in the image above. The 1st answer choice can be eliminated since it has only one hole next to both the upper and lower edges of the paper rather than two holes (one on each side of the folded paper). We are left with the 4th answer choice, which is the correct answer.

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