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OLSAT LEVEL E

4th to 5th Grade

PDF Sample Test

Downloadable Practice Test with Answers – Get a Feel for the Exam & Increase Your Chances of Scoring High

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* The correct answers and explanations are located at the end of this PDF.

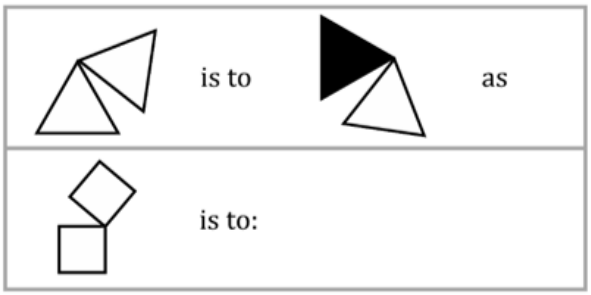
Practice Questions

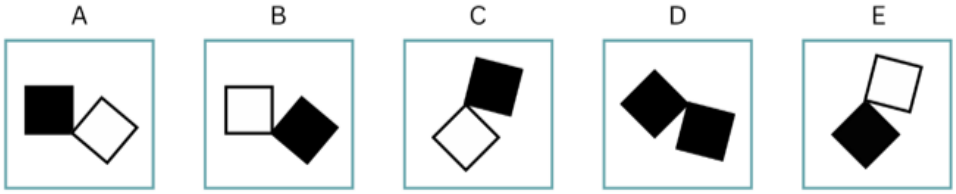
OLSAT Level E Nonverbal Reasoning Practice Questions

Question #1

Figural Analogies

Identify the relationship between the pairs of shapes below.





Question #2

Figural Series

Find the next shape in the pattern.

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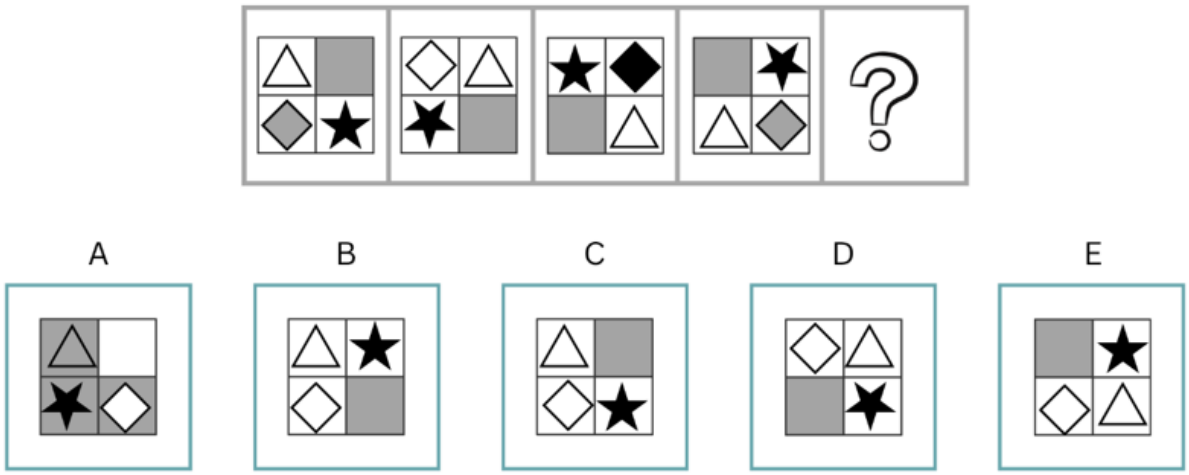
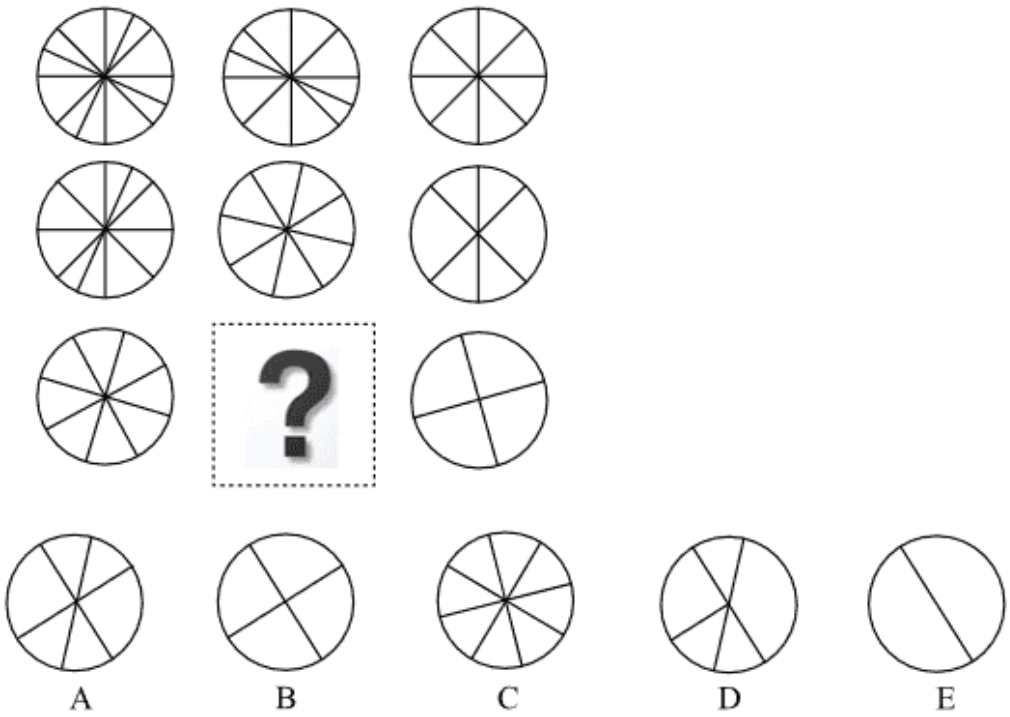


Question #3

Pattern Matrix

The pictures in the box go together in a certain way. Choose the picture that goes in the empty space.



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OLSAT Level E Quantitative Reasoning Practice Questions

Question #4

Numeric Inference

Each group of numbers follows the same pattern. Figure out the rule used to relate the numbers in each group, then determine which number should replace the question mark in the last group:

55, 66, 88 22, 33, 55 11, ?, 44

A. 88
B. 77
C. 55
D. 33
E. 22

Question #5

Number Matrix

The numbers in the box are arranged according to a rule. Choose the correct number to fill in the missing spot by identifying the rule.

234	253	204
?	198	149
148	167	118

A. 169
B. 185
C. 178
D. 158
E. 200

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Question #6

Number Series

You're presented with a series of numbers that follow a specific pattern. Your goal is to figure out the rule and complete the sequence by finding the missing number.

0, 1, 2, 5, 6, 7, 10, 11, 12, ?

A. 14
B. 13
C. 16
D. 15
E. 17

OLOLSAT Level E Verbal Comprehension Practice Questions

Question #7

Sentence Completion

Choose the correct words to complete a sentence.

The magician pulled a rabbit out of the hat, leaving the audience in _____ and _____.

A. tears ... confusion
B. silence ... anger
C. shock ... laughter
D. awe ... boredom
E. fear ... sleep

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Question #8

Sentence Arrangement

If the words below were arranged to make the best sentence, with which letter would the last word of the sentence begin?

the, morning, in, birds, loudly, sang, early, trees, the, from

A. B
B. E
C. T
D. L
E. M

OLSAT Level E Verbal Reasoning Practice Questions

Question #9

Verbal Analogies

This question tests the ability to find a relationship between two words and find a second pair of words that is related in the same way.

Baker is to bread as florist is to _____

A. Flower
B. Water
C. Bouquet
D. Decoration
E. Vase

Question #10

Verbal Classification

In this question, you need to look at a group of words and figure out which one does not belong.

Which word does not go with the other four?

A. Violin
B. Piano
C. Flute
D. Guitar
E. Trumpet

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Question #11

Logical Selection

In this question, you need to complete a sentence using basic logic.

All shoes must _____.

A. Be made of leather
B. Have shoelaces
C. Cover the ankle
D. Have soles
E. Be colorful

Question #12

Inference

In this question, you will be given a logical argument, and you will have to determine the correct conclusion based on the argument.

If an oak tree is taller than a maple tree, but shorter than a pine tree, then we know that:

A. The oak tree is the tallest
B. The pine tree is the tallest
C. The oak tree is taller than the pine tree
D. The maple tree is the tallest
E. The maple and pine trees are the same height

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Correct Answers & Explanations

Question #1

Correct answer: A

Explanation:

Look at the top two shapes:

- The first image shows two triangles, both outlined in black with white interiors.
- The second image is the same pair rotated 90° clockwise: the triangle now at the top is filled solid black, while the triangle at the bottom remains only outlined.

So, the rule is:

- The whole group of shapes is rotated 90 degrees clockwise.
- The shapes that are at the top after the rotation become filled in black. The shapes at the bottom remain outlined.

Now look at the shape below:

- This shape has two squares connected, one on top of the other, forming a diamond shape.
- First, we need to rotate this whole shape 90 degrees clockwise. Imagine turning it to the right.
- When you turn the original figure 90 degrees clockwise, the top square will move to the right, and the bottom square will move to the left.
- The square that was originally on top (and is now on the right) will become the “bottom” part of the rotated figure when viewed from the new orientation.
- The square that was originally on the bottom (and is now on the left) will become the “top” part.
- According to the rule, the square that ends up on the top after the turn should be filled in black. The square that ends up on the bottom should remain outlined (white inside).

Therefore, the answer is Option A.

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Question #2

Correct answer: C

Explanation:

Pattern Analysis

1. Grid Rotation & Grey Cell
   – The 2×2 grid rotates 90° clockwise with every step.
   – The grey cell also moves accordingly, staying in the same relative position within the grid.

2. Shapes and Their Movements
   – Positions: All three shapes (triangle, star, diamond) rotate with the grid – their positions shift 90° clockwise.
   – Star's Orientation: The star shape alternates its orientation; it rotates 180° every step. This means the star points up in one image, and down in the next, then up, then down, in sequence.

3. Color Assignment
   – Triangle: Always white.
   – Star: Always black (but its orientation changes as described).
   – Diamond: Color cycles in this order: grey → white → black → grey → white and repeats.

Specific Rule for the Star's Rotation

While the star moves 90° with the grid, it also flips (rotates 180°) with each step, adding another alternating visual pattern.

In the Missing Figure

– The grid and all shapes rotate 90° clockwise.
– The star is rotated 180° from its previous orientation.
– Triangle stays white, star stays black, diamond is white (based on color sequence).
– The grey cell appears in the next correct position.

The correct option is C because it matches the grid and shape positions, the diamond's colour, and shows the star rotated 180° compared to the previous figure.

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Question #3

Correct answer: A

Explanation:

In this question, the number of lines from the center of the circle to its circumference (radius) decreases by two from left to right in each row.

To determine the unknown circle, we look at the third row. The left circle has eight lines coming out of the center, and the right circle has four such lines.

So, the unknown is the circle that has six lines.

Therefore, the correct answer is option A.

Question #4

Correct answer: 22

Explanation:

The pattern is that the second number is 11 more than the first, and the third number is 22 more than the second.

Considering the 1st group, we have:
55+11=66
66+22=88

Considering the 2nd group, we have:
22+11=33
33+22=55

Therefore, for the 3rd group,
11+11= ?→11+11=22
22+22=44

Thus, the correct choice is 22.

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Question #5

Correct answer: 179

Explanation:

Row Pattern:

In each row, the numbers first increase by 19, and then decrease by 49:

Row 1: 234, 253, 204
234 + 19 = 253, 253- 49 = 204

Row 3: 148, 167, 118
148 + 19 = 167, 167-49=118

Following this pattern in Row 2:

Row 2: **?**, 198, 149
? + 19 = 198→ **?=198-19=179**, 198-49=149

Column Pattern:

In each column, the numbers first decrease by 55, and then decrease by 31:

Column 2: 253, 198, 167
253-55=198, 198-31=167

Column 3: 204, 149, 118
204-55=149, 149-31=118

Column 1: 234, **?**, 148

Following the same pattern,

234-55= **?→234-55=179**, 179-31=148

Both the row and column patterns consistently lead to the answer 179.

Thus, the correct choice is 179.

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Question #6

Correct Answer: 15

Explanation:

Let's examine the differences between consecutive numbers:

From 0 to 1: +1
From 1 to 2: +1
From 2 to 5: +3
From 5 to 6: +1
From 6 to 7: +1
From 7 to 10: +3
From 10 to 11: +1
From 11 to 12: +1

The pattern observed is a repeating cycle of adding 1, then adding 1, and then adding 3.

Since the last two operations were +1 (from 10 to 11) and +1 (from 11 to 12), the next operation in the cycle must be +3.

Therefore, to find the next number in the sequence, we add 3 to the last number, 12:

12+3=15

Question #7

Correct answer: shock .. laughter

Explanation:

The sentence describes a classic and surprising magic trick, pulling a rabbit out of a hat.

This kind of moment would likely cause shock, meaning the audience was amazed or stunned. The second word, laughter, adds to the joyful and fun atmosphere that usually follows a successful magic trick.

Together, these words reflect how entertained and surprised the audience feels.

The other choices do not match the mood of a magic show.

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- “Tears and confusion” suggest sadness or distress, which doesn’t fit here.
- “Silence and anger” or “fear and sleep” are negative or unrelated to the excitement of a magic act.
- “Awe and boredom” is an odd pairing because boredom contradicts the idea of being impressed.

Only “shock .. laughter” captures both the wonder and fun of the moment.

Question #8

Correct answer: M

Explanation:

The goal of this item is to form the most logical and grammatically sound sentence using all ten words. The best sentence is: “The birds sang loudly from the trees early in the morning.”

This sentence uses all words and follows a clear subject-verb-object pattern. It describes what the birds did (“sang loudly”), where they did it (“from the trees”), and when it happened (“early in the morning”).

The sentence flows naturally and uses all parts of speech appropriately.

Now, let’s identify the last word of the sentence. Reading to the end, we find that the phrase “early in the morning” concludes the sentence, and the final word is “morning”.

Since “morning” begins with the letter M, the correct answer is M.

This structure leaves no ambiguity, rearranging the words any other way either sounds unnatural or leaves out information.

Question #9

Correct Answer: Bouquet

Explanation:

A baker is someone who makes bread. That’s their main product. A florist is someone who works with flowers, but they don’t just sell flowers one by one. They arrange them into something special, a **bouquet**.

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So just like a baker makes bread from different ingredients, a florist creates bouquets using flowers. **That's why the correct answer is bouquet.**

The other choices might seem related, but they aren't the best fit.

- Flowers are just the materials a florist uses, like flour for a baker.
- Decoration, garden, and vase are things that help or go with flowers, but they're not what the florist makes.

A bouquet is the finished product that a florist designs, just like bread is the finished product that a baker makes.

Question #10

Correct Answer: Piano

Explanation:

The violin, flute, guitar, and trumpet are all small musical instruments that a person holds in their hands while playing.

Some are played by blowing air (like the flute and trumpet), and others by using your fingers or a bow (like the violin and guitar).

What they all have in common is that they are portable, which means you can easily carry them around and play them in different places.

The piano is different because it is large and not portable. You sit in front of a piano and press its keys, but you don't hold it in your hands.

It stays in one place, like in a concert hall or someone's living room. **This makes the piano the word that doesn't belong in the group.**

Question #11

Correct Answer: Have soles

Explanation:

All shoes must have soles, the bottom part that touches the ground. Whether it's sneakers, sandals, boots, or slippers, they all need soles to protect your feet and help you walk comfortably.

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Some shoes might be soft, some might be strong, but they all have a bottom layer that separates your feet from the ground.

This question helps you figure out what something absolutely needs to be called what it is.

Not all shoes have shoelaces, are made of leather, or cover the ankle. And while many are colorful, some are plain.

But no matter the style, every shoe must have a sole to do its job.

Question #12

Correct Answer: The Pine Tree is the Tallest

Explanation

We are told that the oak tree is taller than the maple tree, but not as tall as the pine tree.

So, the correct order from shortest to tallest is:

maple < oak < pine.

That means the pine tree is the tallest of the three, since it is taller than both the oak and the maple.

A common mistake would be to choose the oak tree as the tallest just because it's mentioned more often or is in the middle. But recognizing that the pine tree sits at the top of the comparison shows your ability to reason through information step by step.

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