



Answers & Explanations

to Kenexa's* Logical Reasoning Sample Test (LRT)

In this document you will find detailed explanations to the logical reasoning example questions as seen on Kenexa's website.

JobTestPrep Team

* JobTestPrep is not a part of the Kenexa and is not related to it in any way. JobTestPrep offers preparation services for psychometric tests.



Table of Contents

Q13
Q23
Q33
Q43
Q54
Q64
Q74
Q84
Q95
Q105
Q115
Q126



Q1

The answer is D.

In the second frame, there is an “L” shape that changes in 2 ways throughout all frames:

It moves downward one line after the other from frame to frame.

It flips horizontally from frame to frame.

Q2

The answer is A.

The entire figure **rotates 45°** clockwise from frame to frame. Therefore, we can eliminate answer choices B, C and E.

Also, **the arrows extend from the corners**, and not from the sides.

Therefore we can eliminate answer choice D.

Q3

The answer is E.

In each frame, there is an **addition of one line**. In the end, all lines are put together into a small square.

Since the second frame contains only one line, the first frame will not contain any lines at all.

Q4

The answer is D.

In this question, we can separate between two rules:

1. In the odd frames (1,3,5), both **outer shapes are dark while the middle one is light, and vice versa** in the even frames (2,4).
2. From frame to frame, **the shapes move diagonally**, towards the upper-right corner. I.e., in the first frame, the triangle is first (closest to the upper-right corner), followed by a circle and then a square. In the second frame, the triangle “moves” backwards – towards the lower-left corner, and the circle and square “move” one step forward (towards the upper right corner).

In summary, the 4th frame contains a triangle followed by a circle and a square. In the next frame, the triangle will be last, in the lower-left corner, and the circle will be first. Since the next frame is in an odd place, the outer shapes will be dark, and the middle one will be white.

Note, that **the “square rule” is sufficient for solving this question**, since in all other answer choices they did move in a certain way.



Q5

The answer is C.

In this question, we need to separate between two shapes:

1. **Squares** – do not change from frame to frame.
2. **Circles** – change according to the following rules:
 - a. **Only one circle moves** in each step: the upper one first, then the lower one, then the upper one, and so on.
 - b. Movement is always **horizontal**, to the opposite side.

In summary, the upper circle moves to the left in the first frame, and the lower circle moves to the right in the second frame. In the last frame, it is the lower circle's turn to move. Since it is currently on the right side of the frame, it will move to the left side of the frame.

Q6

The answer is A.

In this question, we can separate between two rules:

1. The **spiral shape rotates 45°** clockwise from frame to frame.
2. The **small circle** has two sub-rules of its own:
 - a. It **moves 90°** counterclockwise from step to step.
 - b. It moves inside the spiral shape, **one layer at a time**.

Q7

The answer is A.

In this question, we can separate between two rules:

1. The **dark circle** moves one step towards the upper-right corner in each frame.
2. One circle is always **on top of the rest** of the circles. In the first step, it is the one in the upper-right corner. From frame to frame, it moves towards the lower-left corner.

Q8

The answer is C.

The **dark square moves clockwise** around the white, middle square.

As it moves, the dark square **“leaves” a transparent square** in its previous place.

Since in the third frame, the dark square is on the lower-left side, in the next frame it will move to the upper-left side, and leave a transparent square in its place.



Q9

The answer is B.

First, notice that the left **two columns of squares do not change** at all from frame to frame.

Therefore, all we have to figure out is the principle behind the changes in the two right ones.

Look at the 3rd column. The squares move from the bottom in the first frame to the top in the last three frames. The same thing can be seen in the 4th column, only the squares do not move before the ones from the 3rd column are already up (third frame).

Take a closer look at the squares in the 4th column. In the 4th frame, the **upper square moved** one step upward. Then in the 5th frame, the lower square moved 3 steps upward.

We need to generalize this rule to the 3rd column. In the second step, the **upper square moved one step upward** (as shown in choice **B**), and in the third step the **lower square moved 3 steps upward**.

Q10

The answer is B.

First of all, we can see that the **upper, left dark circle does not move** or change in any step. Therefore, we can eliminate choice **E**.

Now, we can see that the remaining dark circles move **one place to the right** in each step (when they get to the “end” of their row, they start over).

Q11

The answer is C.

In the first frame, all lines are tilted in the same direction. This is true for the fourth frame as well, only this time the lines are tilted in the opposite direction. It seems that in each step, some of the lines change direction, until they are all identical again. Therefore, we can look at what happens in the last frame to understand the pattern of change in direction, and infer from that about our missing frame.

In the 5th frame, the **external lines tilt towards the opposite direction**.

We can expect the same to occur in the second frame. The second frame will therefore be similar to the first, except that the external lines will change their direction, as shown in choice **C**.



In summary, the changing pattern is:

1. Baseline.
2. The 2 external lines change direction.
3. The next 2 external lines change direction.
4. The middle lines change direction, creating a new baseline.
5. Starting all over again: the 2 external lines change direction.

Q12

The answer is E.

In this question, we can separate between two rules:

1. The upper triangle (in the 1st frame) **moves 45° clockwise**, around an invisible, octagon-like shape. Since it is pointing to the bottom-right corner in the 4th frame, it will be pointing directly downward in the last frame. We can eliminate option A.
2. The lower triangle (in the 1st frame) **moves 90° clockwise**, around an invisible, square-like shape. Since it points to the right in the 4th frame, it will be pointing directly downward in the last frame. Thus, both triangles will overlap each other, as shown in option E.

Do you want to get more kenexa-style sample questions and tips?

Check our [Kenexa Practice Packs >>](#)

* JobTestPrep is not a part of the Kenexa and is not related to it in any way. JobTestPrep offers preparation services for psychometric tests.