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1. UPDATES

There are some changes in the version 2.0. Especially administration and experience of test takers are improved. Here are the new features:

- **Better graphics:** We remade the graphics and picture files. All tasks and solutions are now sharp, png-files with a sufficient resolution that is suitable for different devices like smartphone, laptop, or PC.
- **Standard matrices, no jigsaw puzzle:** In the past years we heard from some participants, that they not tried to solve the problem by identifying the rules of composition in the rows and columns, but by looking at the shape of the jigsaw pieces (which was identical in every task and solution). To eliminate that problem, we now do not use the jigsaws anymore.
- **6 instead of 8 answers:** Ten years ago test takers participated by PC or something like that with a large screen. Nowadays they usually participate by smartphones with much smaller screens. Because the tests should not be eyesight tests, we decided to present six instead of eight answers: the easiest two incorrect answers - those that were fewest chosen - of each task were eliminated.
- **New scoring key:** Because of the elimination of answers, the scoring key changed (see below).
- **Correct answers of examples are highlighted:** By showing the correct answers of the examples, we try to explain the way to solve the tasks. Instead of just giving the position of the correct solution ("It's the first...", "It's the sixth answer which is correct") we added a red frame to show the correct answer.
- **The first example slightly changed:** The rotation of the cross was not very obvious. It also could be a symmetric arrangement, which may be created by mirroring, which is NOT a mental operation that should be introduced, because the operations are adding and moving. Therefore, we now use a line instead of a cross.
- **No IQ:** Because of the changes, we have so far, no IQ calculated. We are working on it!

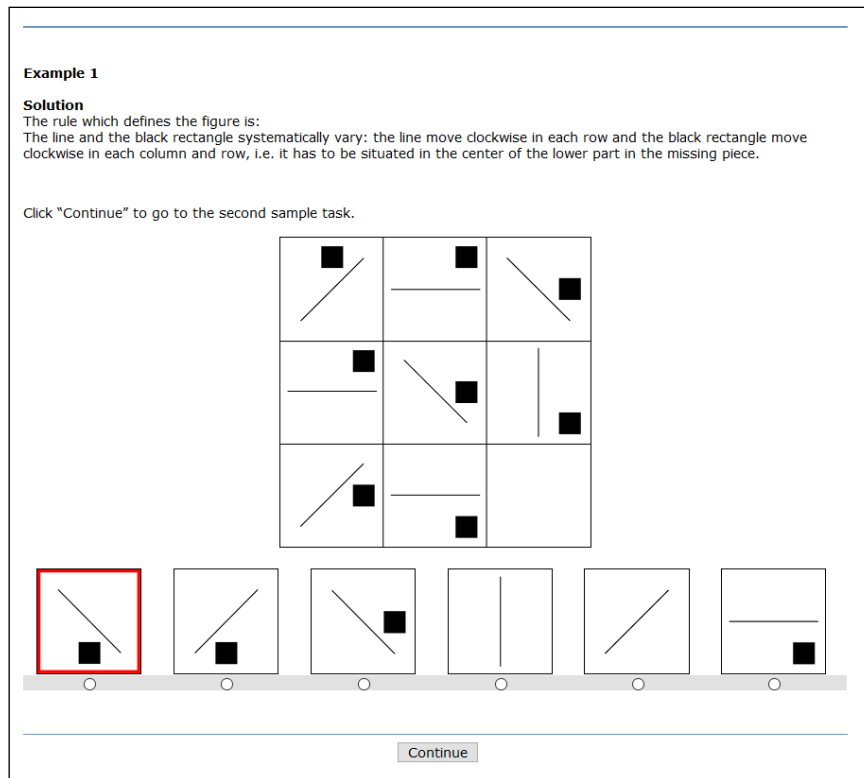


Figure 1: Screenshot of the solution of the second example – the new version.

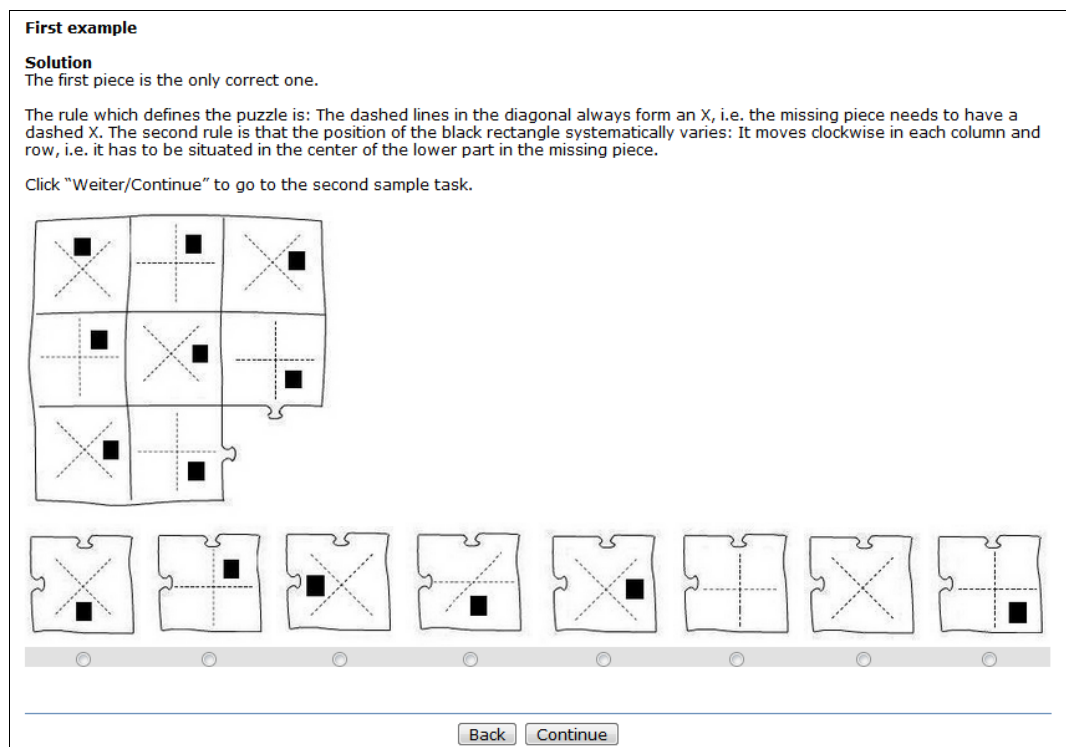


Figure 2: Screenshot of the solution of the second example – the old version.

2. SCORING

Keep this Information confidential. Participants will be never informed which answer is correct and which not. Participants may get the information, how many solutions were correct, but never which.

How to calculate the test score:

- Correct answers = 1
- Incorrect answers, no answer = 0
- Sum up the number of correct answers
- Use for the HMT matrices 1 to 20 (scoring range 0 to 20)
- Use for the HMT-S matrices 1 2 3 5 7 and 9 (scoring range 0 to 6)
- Usually a trial is valid if the participant has reached the first matrix. Therefore an abortion of the test does not directly mean a loss of sample size.

Correct Answer		
Matrix	HMT-S	HMT
1	6	6
2	4	4
3	1	1
4		6
5	3	3
6		6
7	5	5
8		3
9	6	6
10		2
11		4
12		2
13		5
14		6
15		2
16		2
17		1
18		3
19		4
20		3