# MENTAL ROTATIONS TEST (MRT-A)
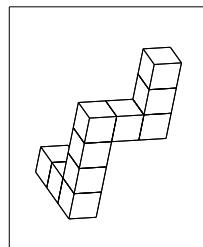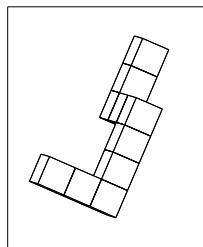
This test is composed of the figures provided by Shepard and Metzler (1978), and is, essentially, an Autocad-redrawn version of the Vandenberg & Kuse MRT test.

Please look at these five figures
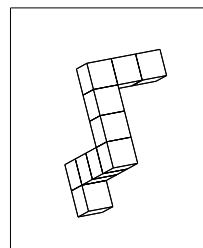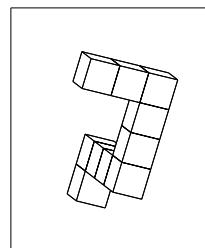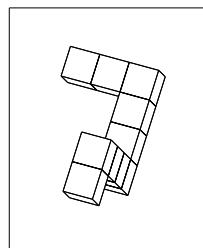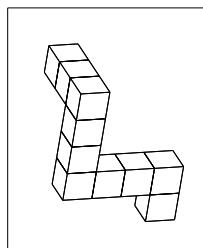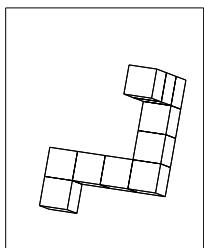
Note that these are all pictures of the same object which is shown from different angles. Try to imagine moving the object (or yourself with respect to the object), as you look from one drawing to the next.

Here are two drawings of a new figure that is different from the one shown in the first 5 drawings. Satisfy yourself that these two drawings show an object that is different and cannot be "rotated" to be identical with the object shown in the first five drawings.

Now look at this object: 1.

Two of these four drawings show the same object. Can you find those two? Put a big X across them.
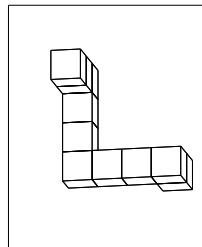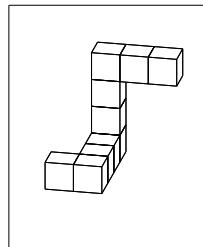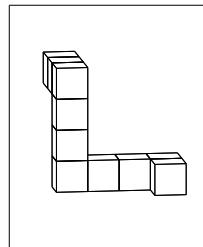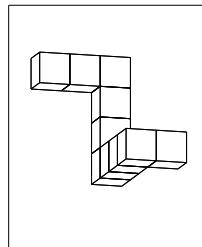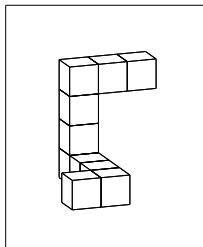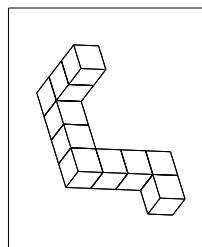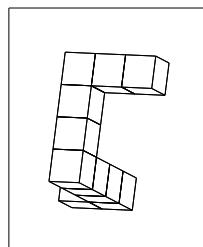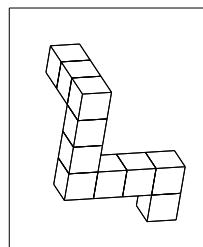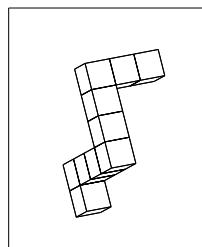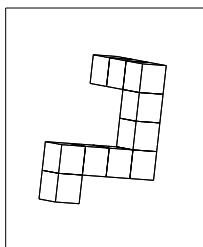

If you marked the first and third drawings, you made the correct choice.

Here are three more problems. Again, the target object is shown <u>twice</u> in each set of four alternatives from which you choose the correct ones.
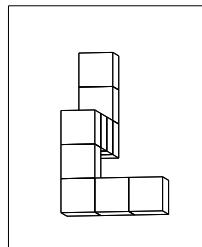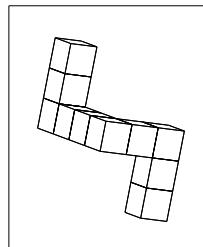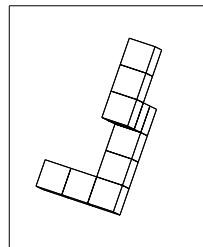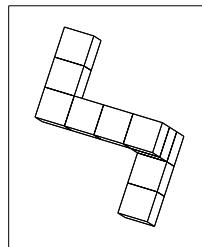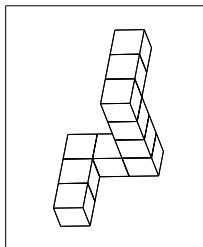
2.a

3.a

4.a
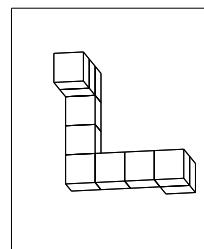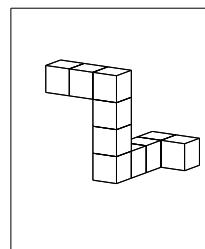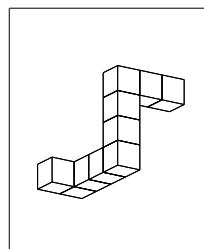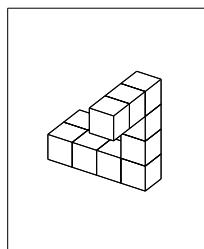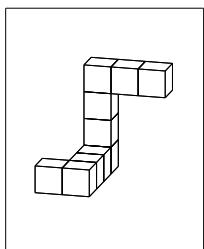
Correct Choice: 2: second and third
3: first and fourth
4: first and third
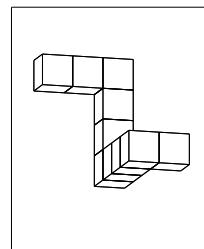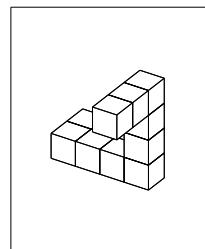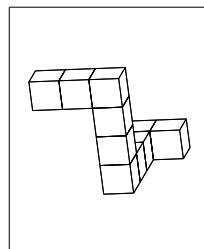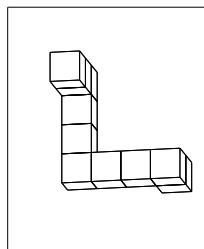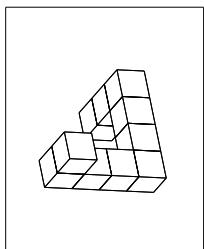
When you do the test, please remember that for each problem set there are <u>two</u> and <u>only two</u> figures that match the target figure.

You will only be given a point if you mark off <u>both</u> correct matching figures, marking off only one of these will result in no marks.
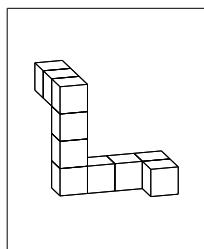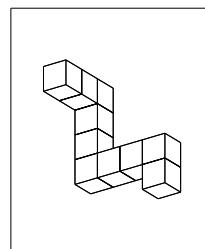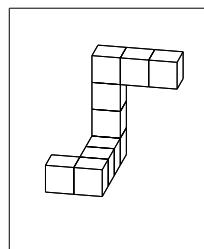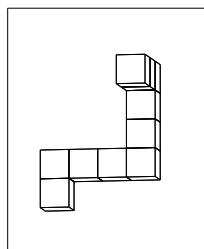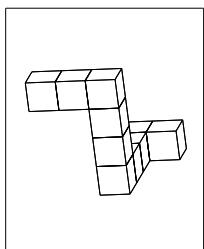
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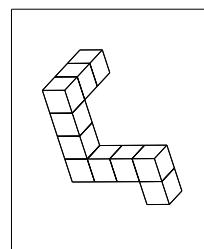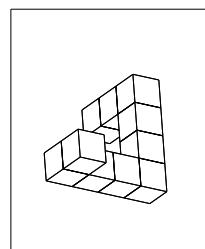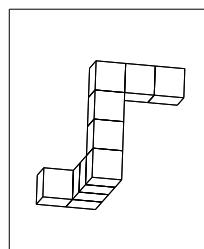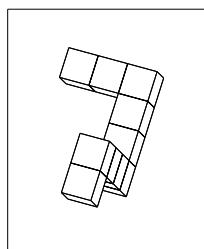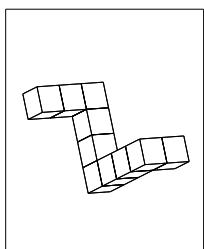
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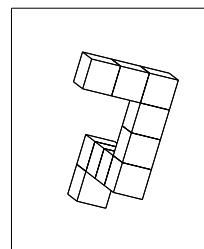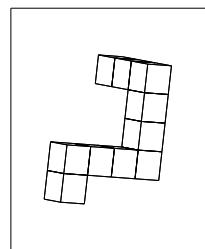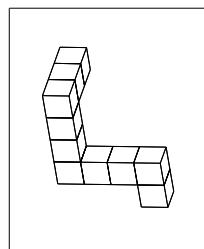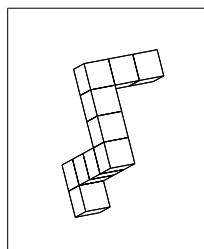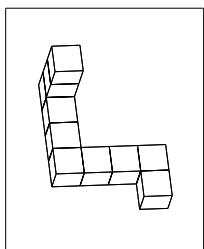
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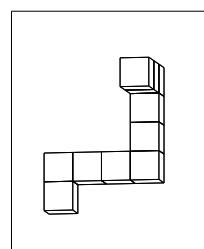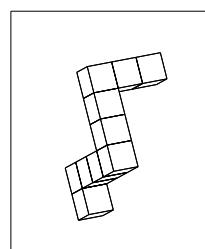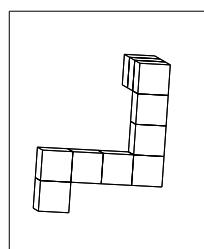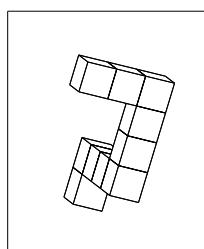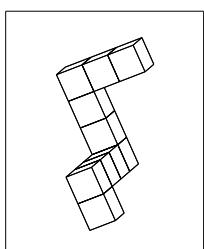
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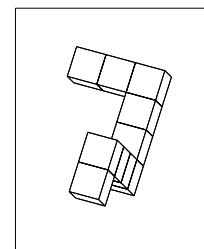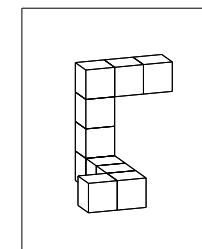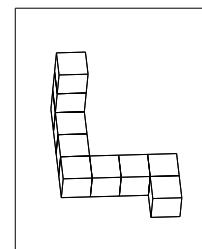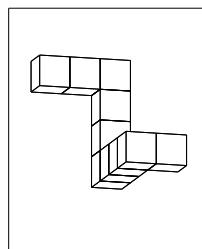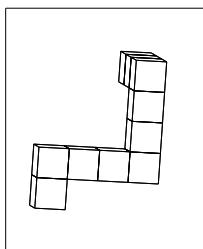
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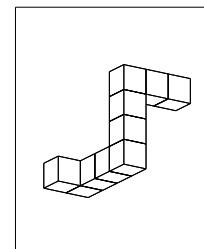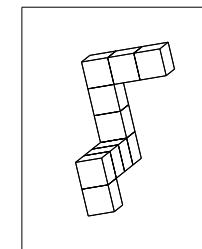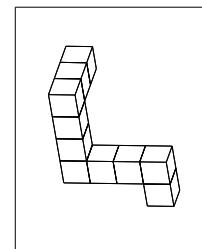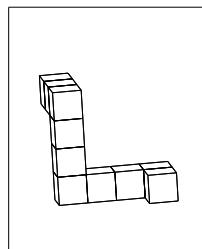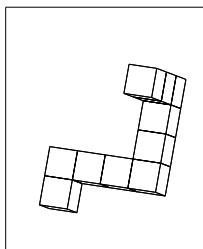
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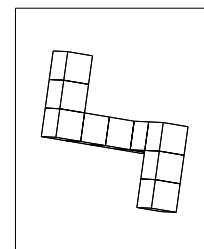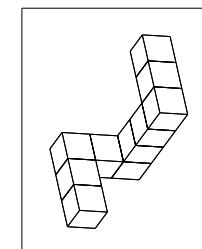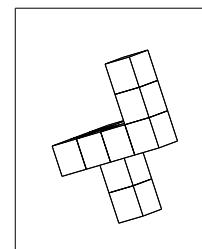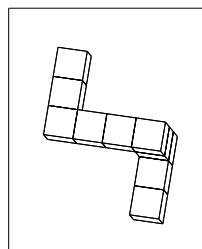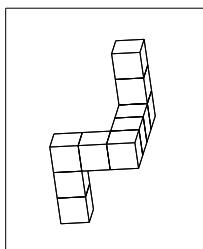
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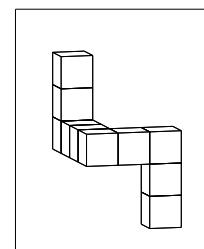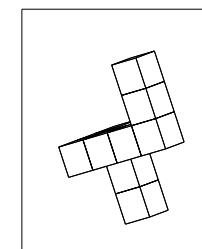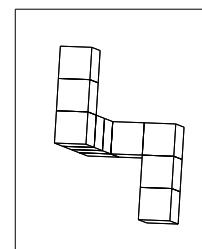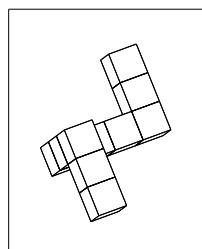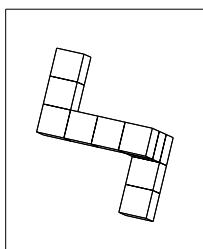
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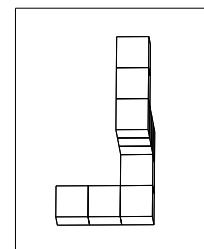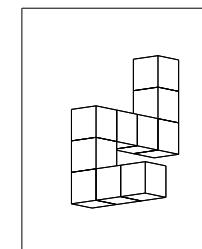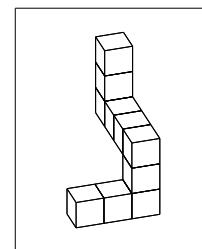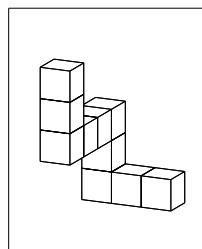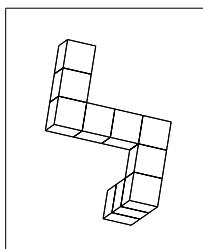
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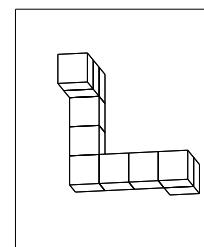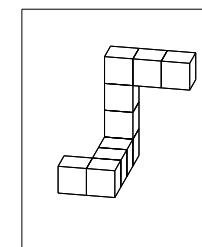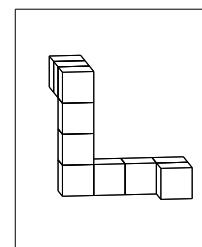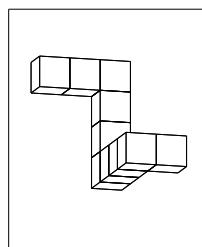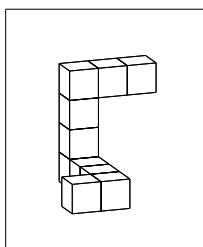
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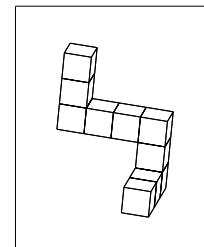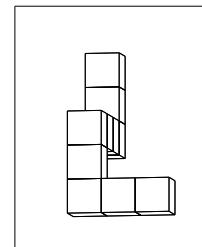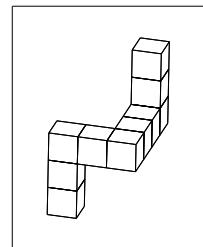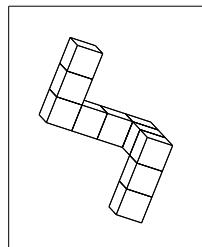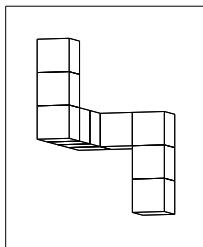
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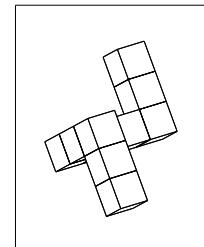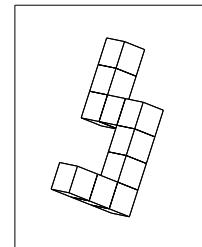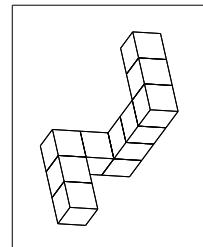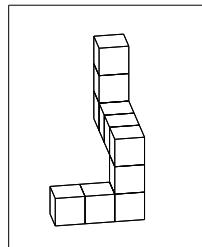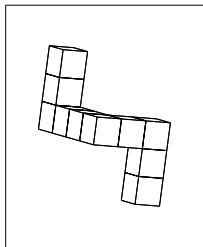
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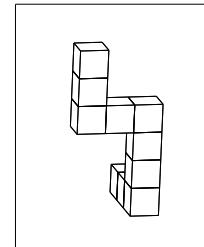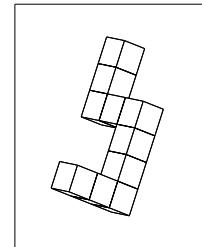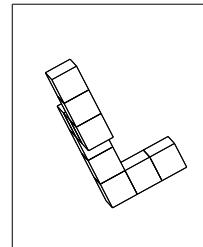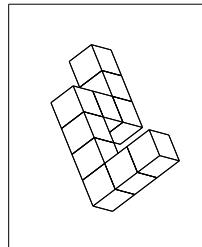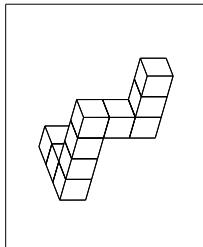
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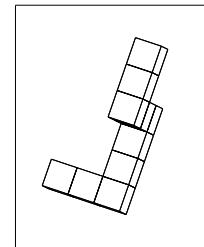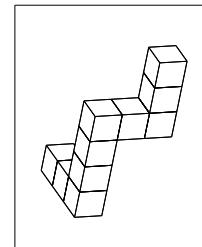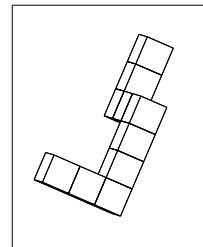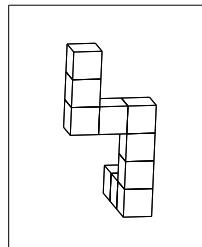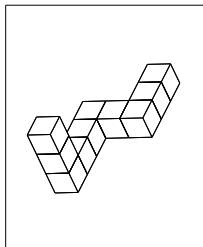
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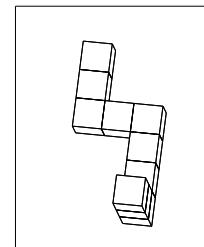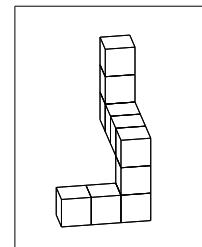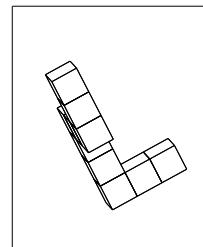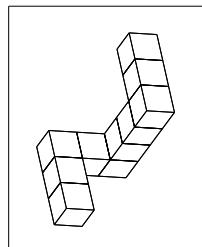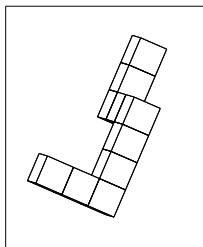
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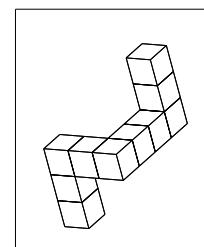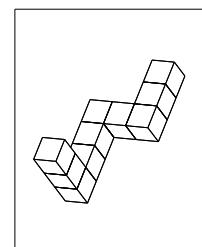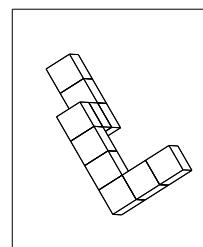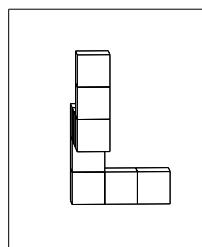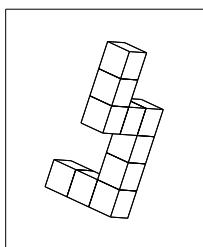
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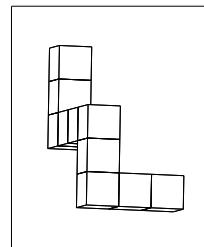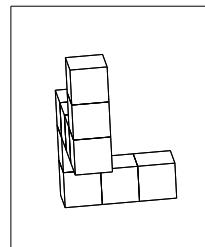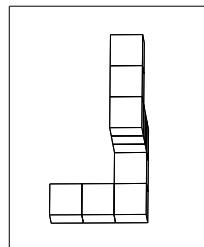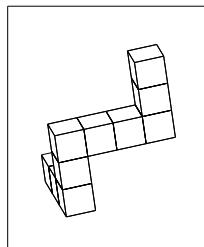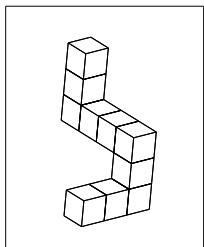
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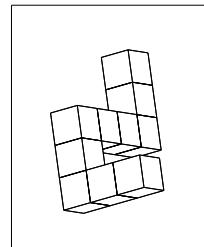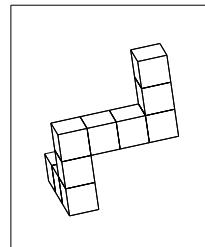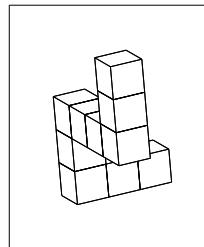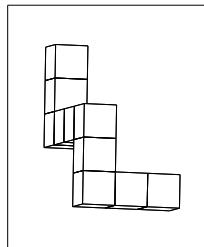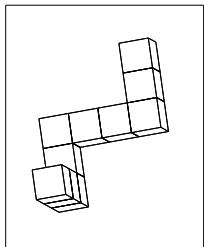
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19.a

20.a

21.a

22.a

23.a

24.a