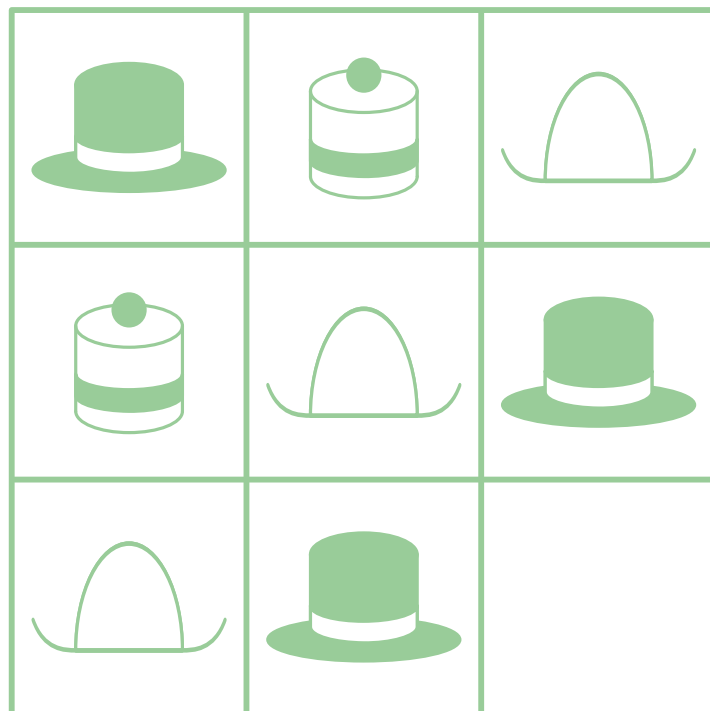


# Hat-triq

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2. Information

3. Part I - Matrix Reasoning

5. Part II - Analogies

7. Part III - Picture completion

# Information

## Test Structure

Hat-triq is a culture fair<sup>1</sup> high range test for general intelligence. The test is divided into three parts: I - Matrix reasoning, II - Analogies and III - Picture completion.

## Scoring

Every correct answer brings one point to the total score<sup>2</sup>. Current norm can be found on the Hat-triq website: <http://www.iqpussel.se/hattriq/>

## Test taking instructions

In all items you should look for the simplest among the most complete solutions. There is no time limit. References are allowed but probably not useful. Drawings must be accurate enough to avoid ambiguity. Second submissions are not allowed. Do not discuss items with others before or while taking the test. It is strictly forbidden to discuss solutions in public fora!

To receive a score report via e-mail, send solutions along with the following information to [hattriq@iqpussel.se](mailto:hattriq@iqpussel.se):

Full name:

E-mail address:

Age:

Gender:

Country:

All prior scores on standardized and high range IQ tests (include as much data as you can provide, i.e. raw score, IQ and standard deviation, date etc.):

If you do not want your name, or just want your initials, to appear on the scorelist then please state that. (This can of course be changed later by simply dropping me an e-mail.)

Taking the test is at the moment free of charge. If you want to send solutions via ordinary mail, please contact me via e-mail and I will give you further instructions.

## IQ measurement limitations

Note that this test is experimental. There is no guarantee that high scores on hat-triq reflect high IQ's, even though it's quite likely. Hat-triq is normed against other high-range- and standardized tests, but there is no scientific evidence that IQ is measurable at all above about 150.

## Have fun!

The main purpose of this test is to amuse and to entertain. I hope you will have fun solving Hat-triq!

*Andreas Andersson, Nissafors 2010-12-29*

<sup>1</sup> Almost culture fair: ability to read and understand instructions in English will probably result in higher scores.

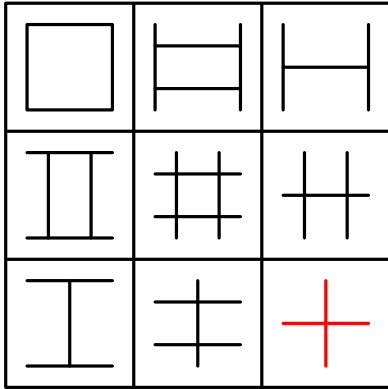
<sup>2</sup> In the first version of Hat-triq half points was rewarded to almost complete solutions. As of the first revision, this scoring practice is no longer in use.

*Thanks to Stefan Langemalm for valuable input, and to Samuel Andersson for building the website (currently at <http://www.iqpussel.se/hattriq/>).*

*This is the second version of Hat-triq, revised in april 2011. First version was published in january 2011.*

# Part I - Matrix Reasoning

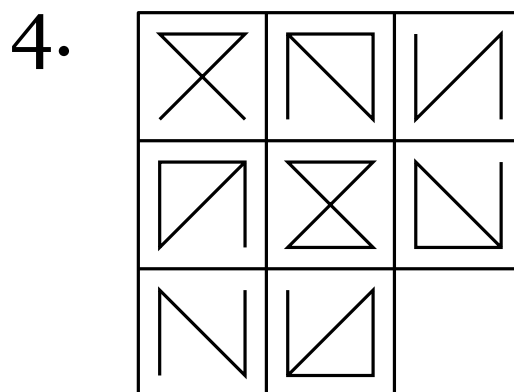
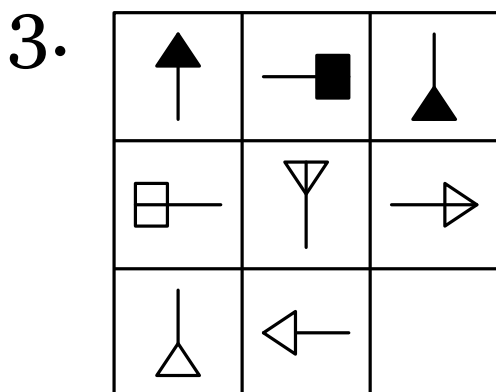
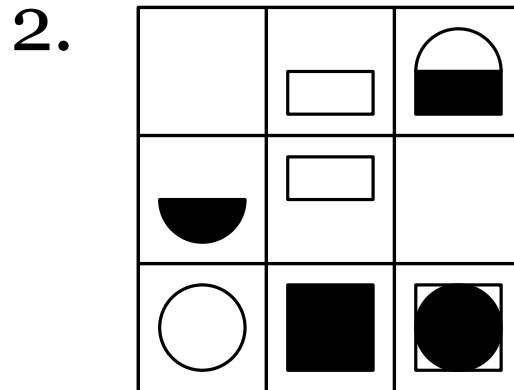
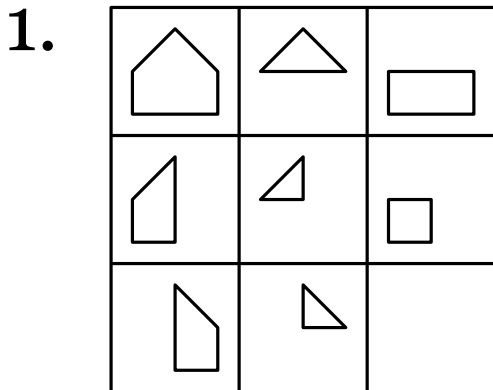
In all matrices there are patterns present both horizontally and vertically. Draw the missing figure or figures. Example:



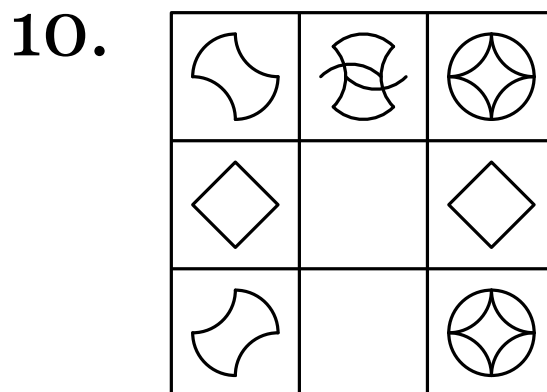
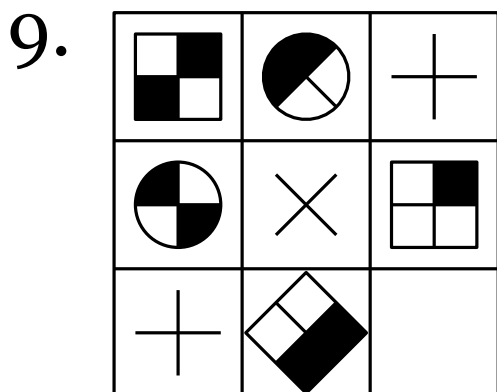
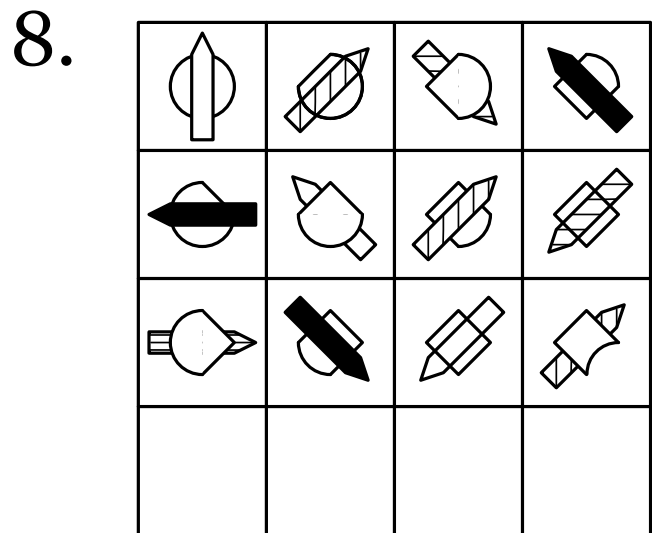
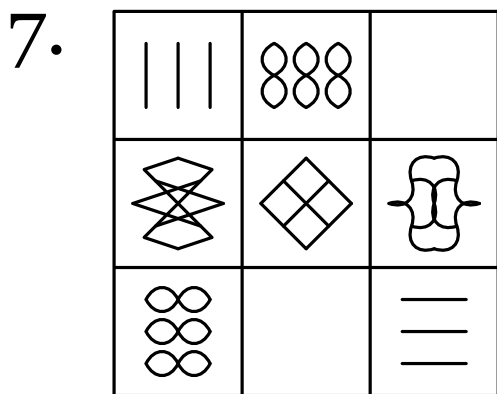
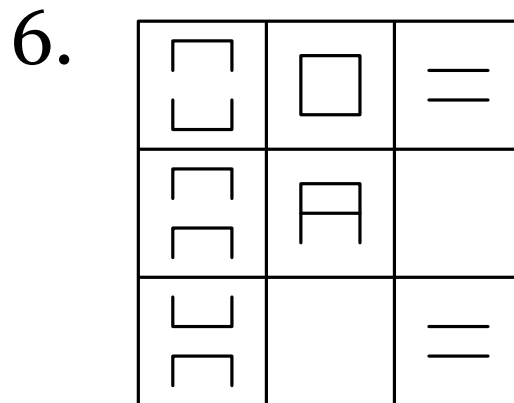
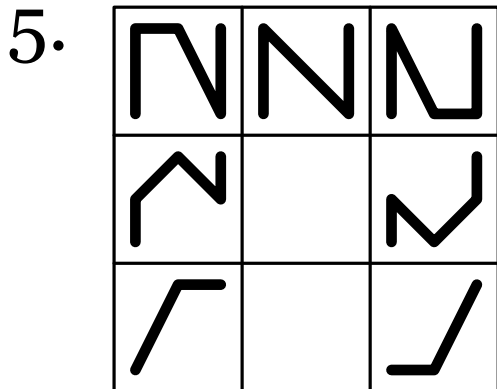
If read from left to right: the horizontal lines move towards and into each other.

If read from top to bottom: the vertical lines move towards and into each other.

The rightmost box on the bottom row was empty and drawing the red cross there makes up the solution.

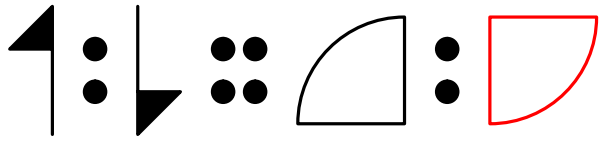


# Part I - Matrix Reasoning

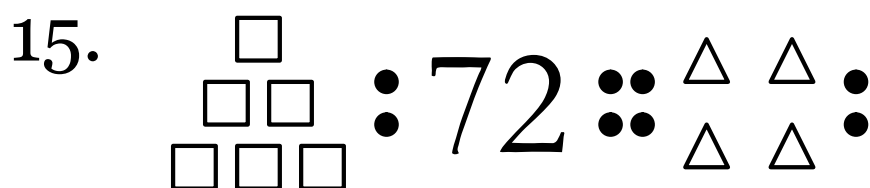
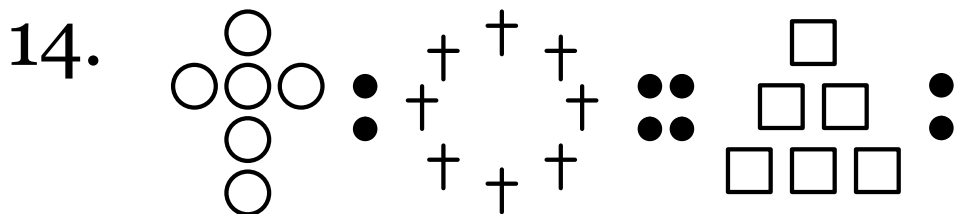
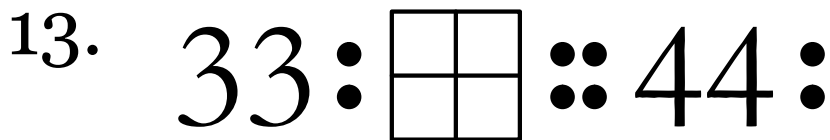
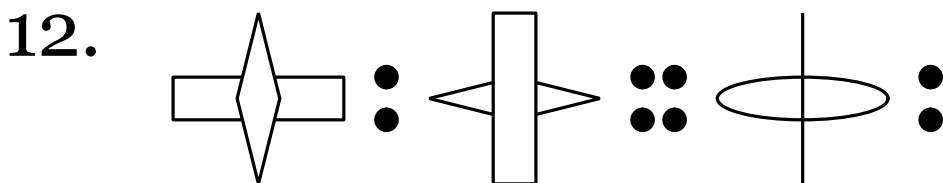
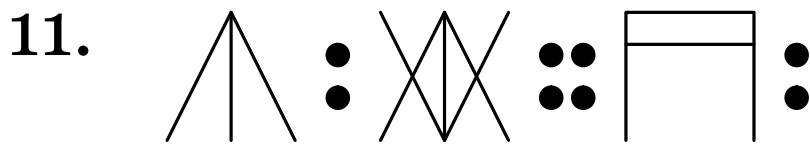


# Part II - Analogies

Interpret  $A : B :: C : D$  as "A is to B as C is to D". Example:

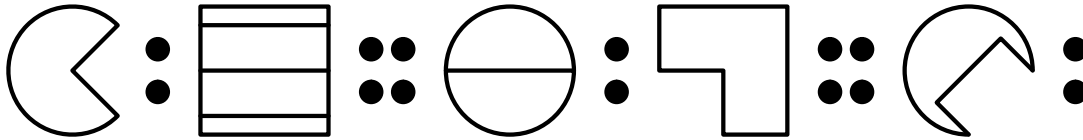


The second figure is a copy of the first that has been rotated 180°. The same rule must also apply to the two rightmost figures, thus the red figure is the correct answer.

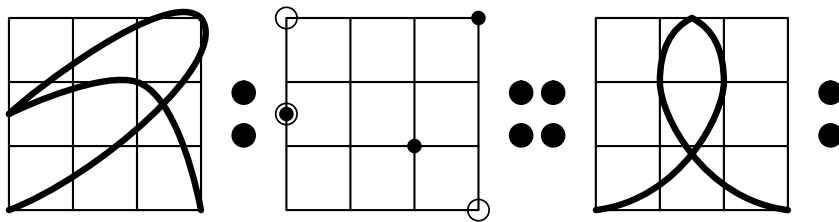


# Part II - Analogies

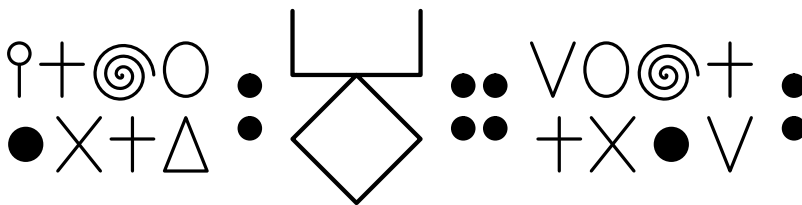
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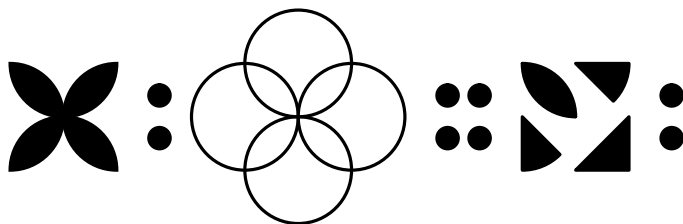
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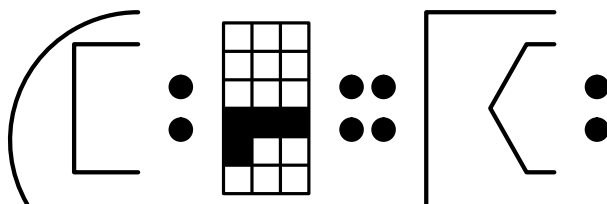
18.



19.



20.



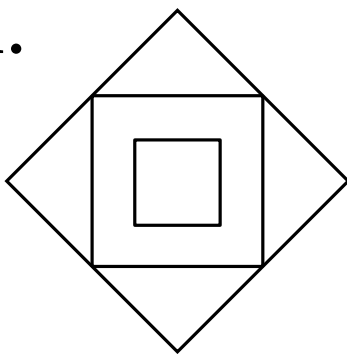
# Part III - Picture completion

Complete the pictures by drawing the missing element. Example:

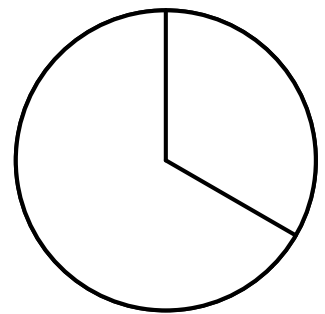


This picture is built up by a single line that is moving horizontally while revolving  $45^\circ$  around its center each step. The correct solution is to draw the vertical line (here in red) where it was missing.

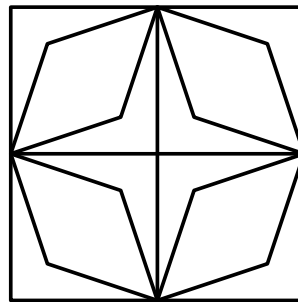
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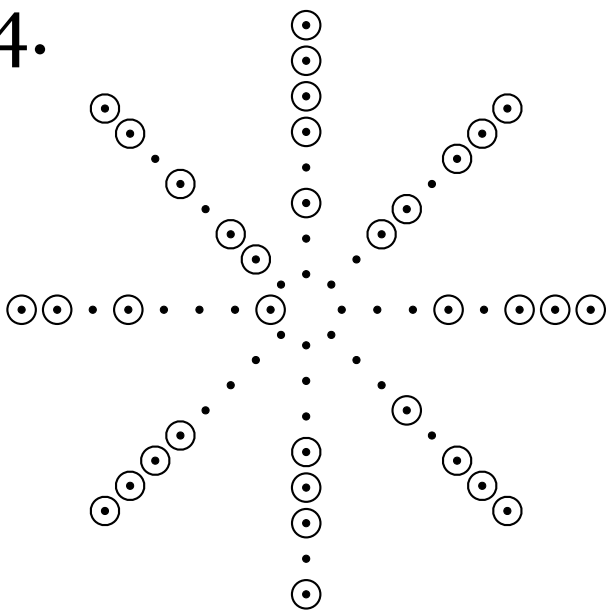
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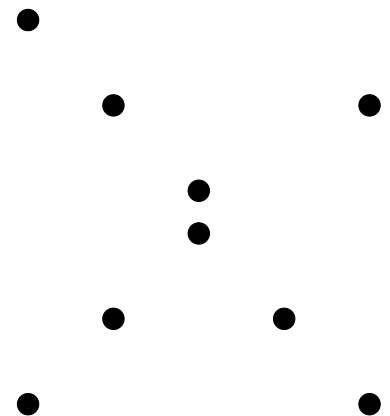
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24.

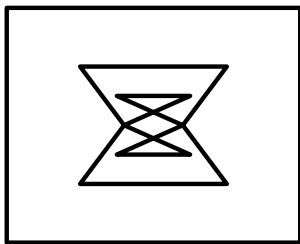


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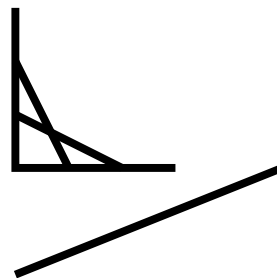


## Part III - Picture completion

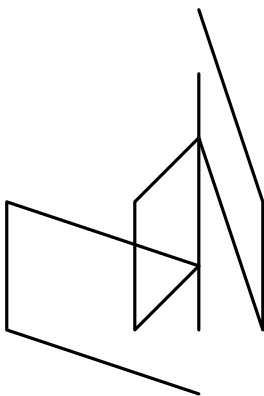
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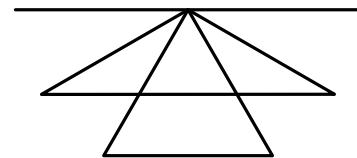
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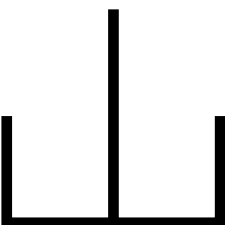
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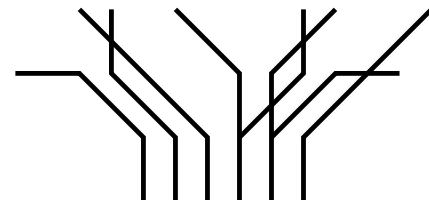
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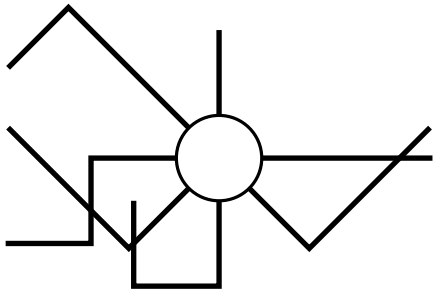


31.

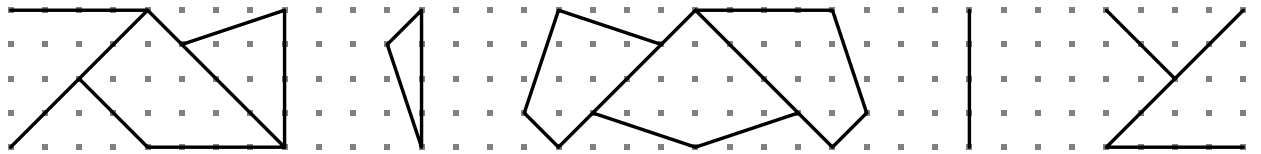


# Part III - Picture completion

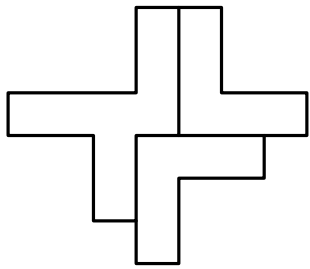
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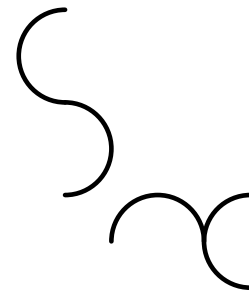
33.



34.



35.



36.

