

A Battle Royal by Sam Loyd



Welt der Geduldspiele

VIEW IN BROWSER

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Summary

Use the 8 pieces to fill a 8x8 square with correct checkerboard pattern.

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Tags: [puzzle](#) [checkerboard](#) [packingpuzzle](#)

Puzzle description:

This checkerboard dissection puzzle was published in Sam Loyd's Cyclopedia of 5000 Puzzles, Tricks, and Conundrums With Answers in 1914. Put the 8 pieces together to form a 8x8 square with correct checkerboard pattern. The pieces follow a regular pattern from 5 to 8 squares per piece and from 8 to 11 squares.

You also can print the two-sided version, see below.

If you can read German: Mehr Informationen gibt es in <https://welt-der-geduldspiele.blogspot.com/search?q=3D-Druck>

Puzzle difficulty:

This one-sided version of the puzzle is difficult, the two-sided versions are easier. The low number and the regular form of the pieces make the puzzle solvable.

Printing instructions:

Before you start you have to decide what to print: Either the (difficult) one-sided version or one of the (easier) two-sided versions. For the one-sided version print the pieces with solid back (A Battle Royal by Sam Loyd_onesided.stl) and 32 caps in two colors each. Snap the caps onto the pieces as in the photo.

For the two-sided version print the pieces without back (A Battle Royal by Sam Loyd_twosided.stl) and 64 caps in two colors each. On the first side, place the caps as in the case of the one-sided pieces. For the back, you again have two options: You can color the back as the front or change the colors at the back.

There are STL files for 32 or 64 caps. An additional STL file for spare caps is also included.

Prints are fine with no supports.

I printed the puzzle in PLA at 0.1 mm layer height.

Print Settings

Printer Brand:

Prusa

Printer:

Mini+

Category: Puzzles

Model files



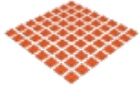
cap.stl



a_battle_royal_by_sam_loyd_-_onesided.stl



caps_32.stl



caps_64.stl



a_battle_royal_by_sam_loyd_-_twosided.stl

[Find source .stl files on Thingiverse.com](#)

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