



Sliding Number Puzzles - (print in place 15 puzzle)



[VIEW IN BROWSER](#)

updated 28. 12. 2021 | published 23. 12. 2021

Summary

This is my 3D-printed version of the classic sliding 15 puzzle.



6.49 hrs



3 pcs



0.15 mm



0.40 mm



PLA



55 g



Prusa
MK3/S/S+

[Toys & Games](#) > [Puzzles & Brain-teasers](#)

Tags: [toy](#) [puzzle](#) [brain](#) [fun](#) [15](#) [sliding](#) [teaser](#) [8](#)

[24](#)

This is my 3D-printed version of the classic sliding 15 puzzle. I also included a smaller 3x3 8-piece puzzle along with a larger 5x5 24-piece puzzle.

These are fully print in place, so the pieces all interlock straight off the printer. This print-in-place design eliminates the backing seen on other variations, so these work best when used on a flat surface.

The puzzles work best with a smaller layer height (I normally use 0.15mm). Otherwise, these should work with your normal settings.

I sell these on my Etsy shop, but they are free for makers to print and enjoy themselves!

Thanks!

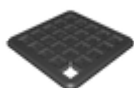
Model files



8-puzzle-3x3.3mf

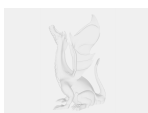


15-puzzle-4x4.3mf



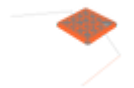
24-puzzle-5x5.3mf

Print files



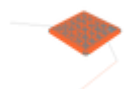
3x3.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.15 mm ⌚ 3.80 hrs ⚖️ 32 g 🖨️ Prusa MK3/S/S+



4x4.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.15 mm ⌚ 6.49 hrs ⚖️ 55 g 🖨️ Prusa MK3/S/S+



5x5.gcode

🌀 PLA 🌀 0.40 mm ≡ 0.15 mm ⌚ 9.97 hrs ⚖️ 85 g 🖨️ Prusa MK3/S/S+

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-NonCommercial

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition