A simplier (I hope) proof of a more general result about expected number of dice rolls than in https://www.tandfonline.com/doi/full/10.1080/00029890.2020.1693213.

The list of submitted files:

- filler-nsided.tex: the main tex file.
- filler-nsided.pdf: compiled pdf.
- geometric_series.png: the picture. The corresponding tikz-code is commented out in the tex file.