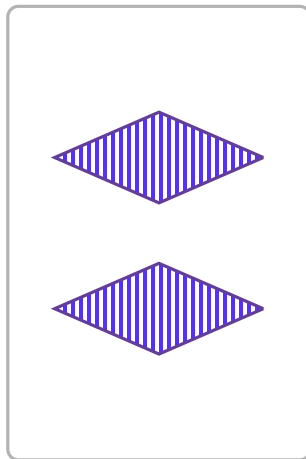# LaTeX Set Deck: Documentation

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This document describes a package for typesetting Set cards using TikZ in LaTeX. We use the conventions:
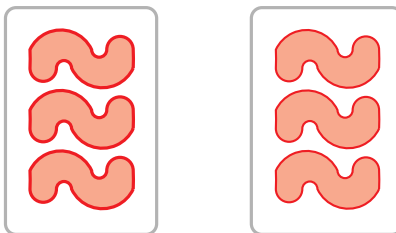
Coordinate	Number	Shading	Color	Shape
1	1	plain	red	diamond
2	2	striped	green	oval
3	3	solid	purple	squiggle

To typeset a basic Set card, we use the commands `\setcard` or `\smallsetcard`, with arguments `\setcard{<Number>}{<Shading>}{<Color>}{<Shape>}{<Scaling>}` .

So to typeset, for example, the full-sized card with two striped purple diamonds, we use the command `\setcard{2}{2}{3}{1}{1}`, which produces:

For many purposes, this will be too large. To typeset a more reasonably sized card (let's say, this time, we typeset three solid red squiggles) we might prefer to use `\setcard{3}{3}{1}{3}{0.5}` or `\smallsetcard{3}{3}{1}{3}{0.5}`, which produce (respectively):

Here is a preview of all cards (produced with `\smallsetcard`) produced by the `setdeck.sty` package: