

# My Documentation Title

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## Commands

`\grid[<length>]` : This produces a grid of width `textwidth`. `<length>` is an integer, wich defines the length of the grid in centimeter. If left empty, it will span to the end of the page.

`\materials[<options>]{<material1>,<material1>,...}` : A Collection of materials assosiated with that exercise. Following options should be present:

- `<position>`: Choose from: `<up>`, `<down>`, `<left>`, `<right>`. The materials get placed accordingly.
- `<material>`: Should be possible to use `\image` or any `table`-command

Further Specs:

- The Env. should always place the according to the available space, eighther in one line or multiple lines.
- The width of each material should be adjustable.
- The material should be seperated by a `;`, need a command to escape `;`.
- The Ex. text should flow around the materials.

`\image[<options>]{<image1>}` : A non floating single image witch has the following options:

- `<width>` The width of the image.
- `<caption>` The caption for the image.
- `<label>` A Label for reference.

`\multiimage[<options>]{<image1>,<image2>,...}` : A non floating image command, wich takes one or more images, and puts the next to each other. Non-compatible with `materials`

The image should have the

## Enviroments

`\Aufgabe[<points>][<symbol>]` :Defines a new exercise.

- `<points>` : Decimal number, declares the points given to each Ex.
- `<symbol>` : Integer, Chooses from diffrent symbols to put a the margin. If empty it defaults to a little sheet with a pen.

Please note that for now to change the symbol, the point bracket must be present.

## Thoughts on structure

**Label and caption:** There should be a function wich takes label and caption and handels them:

- if only a lable is specified, the caption should just read: "figure 1".