

Tartalomjegyzék

- 1 TikZ
 - ♦ 1.1 Hints
 - ♦ 1.2 Requirements
 - ♦ 1.3 Handling in

TikZ

Write a LaTeX document with a TikZ picture in it. You can draw anything you want but you have to use TikZ. **4 points**

Hints

template:

```
\documentclass[a4paper]{article}

\usepackage[T1]{fontenc}
\usepackage[utf8]{inputenc}
\usepackage[english]{babel}
\usepackage{lmodern}

\usepackage{amsmath,amssymb}
\usepackage{amsthm}
\usepackage{graphicx}
\usepackage{tikz}

\title{Author}
\author{Title}

\begin{document}

\maketitle

\begin{figure}[h]
  \centering
  \begin{tikzpicture}
    \draw[->] (0,0) -- (1,-1) ;
  \end{tikzpicture}
  \caption{What is this?}
\end{figure}

\end{document}
```

Hungarian lecture slides may help.

Ideas:

- A trade logo
- a traffic sign
- doodle house
- a chess piece

- You can draw a mathematical diagram or figure like these:
 - ♦ [1]
 - ♦ [2]
 - ♦ [3]
 - ♦ [4]

Requirements

Mandatory elements:

- It has to fit one page
- Use documentclass article and A4 paper-size.
- Should compile with `pdflatex` without any errors.
- Cross at least two lines.
 - ♦ Actually they can meet at a corner, they don't have to intersect
- Use circle or arc
- Use at least one color (except black)
- You can use `includegraphics` but that doesn't count in the points

Handing in

- Attach the `.tex` and `.pdf` files as usual.
- If you used `includegraphics` then attach the included picture, too.
- Deadline **2019. December 19th, 23:59:59**