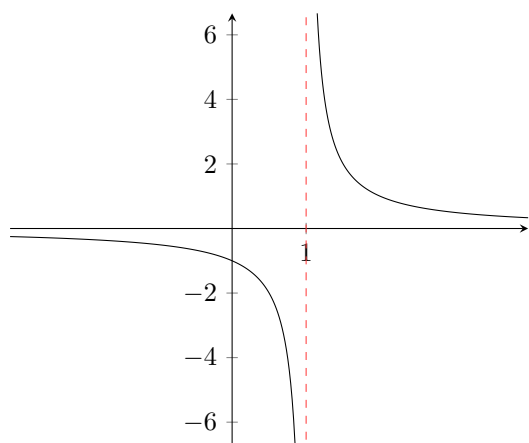


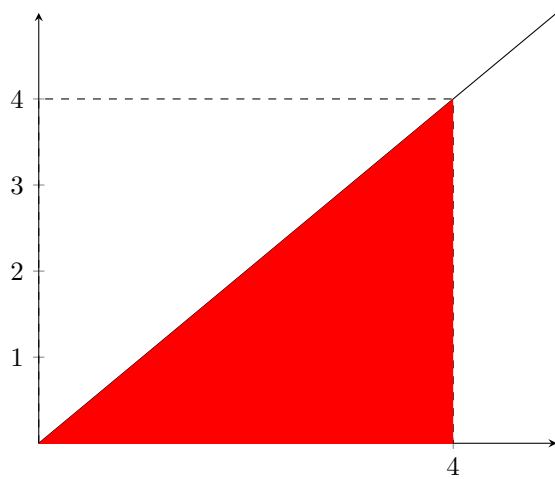
1819-108-C1-W2-02

Kārlis Kreilis

February 2019



$$y = \frac{x}{x+1}$$



$$y = x$$

0.1 Kods

```

\maketitle
\begin{tikzpicture}

\begin{axis}
[
    axis lines=middle,
    samples=200,
    xtick={1},
    ytick={-6,-4,...,6}
]
\addplot[black,domain=-3:0.85] {1/(x-1)};
\addplot[black,domain=1.15:4] {1/(x-1)};

\draw[red!75,dashed] (axis cs:1,-10) — (axis cs:1,10);

\end{axis}
\end{tikzpicture}
$$y = \frac{x}{x+1}$$

\begin{tikzpicture}

\begin{axis}
[
    axis lines=middle,
    samples=200,
    xtick={-2,4},
    ytick={0,...,4}
]
\addplot[black,domain=0:5]{x};
\draw[dashed] (0,0) rectangle (4,4);
\fill[red,domain=0:4,variable=\x]
    (0,0)
    — plot ({\x},{\x})
    — (4,0);

\end{axis}

\end{tikzpicture}
$$y = x$$

```