Graph of a Linear Function

Prerequisites and Objectives

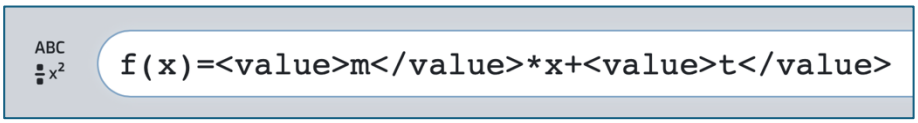
- The students know linear equations of the form $f(x) = m \cdot x + t$.
- The students should experimentally explore the effect and geometric meaning of the parameters m and t.
- They learn the terms y-intercept and slope.

sketchometry

The students should know,

- how to use the tools
  - *Slider*,
  - f(x) *Function graph* and
  - ABC *Text*,
- how to show grid and coordinate system

  (choose tool *Properties* and)
- how to make the text input dynamic using <value>:



- how to generate a slope triangle.