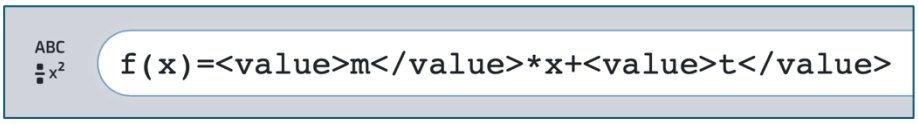
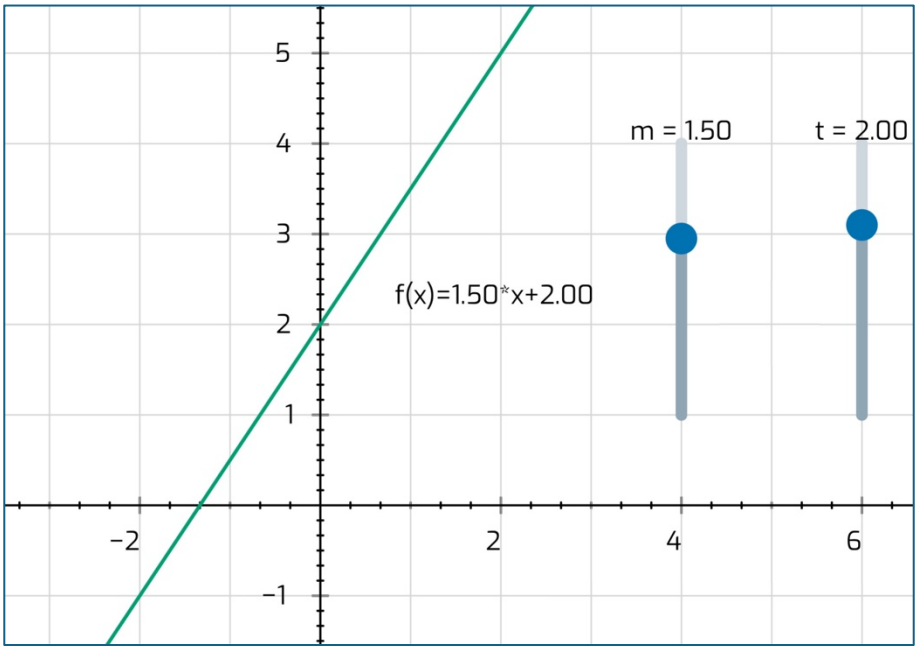
Graph of a Linear Function (2)

Construction

- Open in the *Gallery* the board “Graph of a Linear Function (1)“.
- Create the dynamic function term with *Text*:





Exploration

- Move the sliders t and m and observe the graph. What do you notice? Write down your observations.
- What is the geometric meaning of the values of m and t?
  Tip: Place a point (slider) on the graph and create a slope triangle. Move the triangle along the graph. Record your observations (with sketches).
- What does the sign of m mean? Write down your finding.