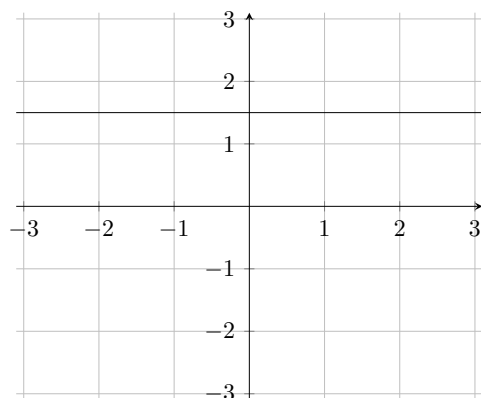


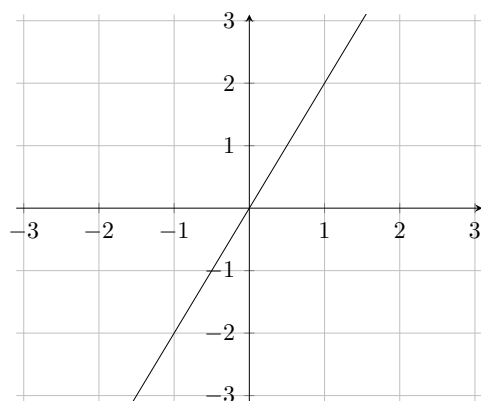
We have seen that the derivative of a function at a point is the slope of the tangent line. Keeping this in mind, for each of the following functions, sketch the graph of the derivative of the function. Your sketch doesn't have to be extremely precise, nevertheless the following aspects should be taken into account:

- where is the derivative positive, or negative,
- where is the derivative zero,
- where is the derivative increasing, or decreasing.

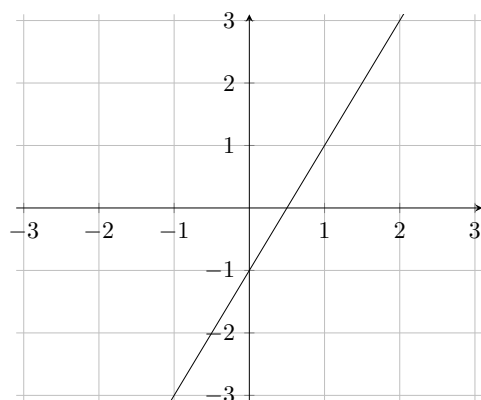
i)



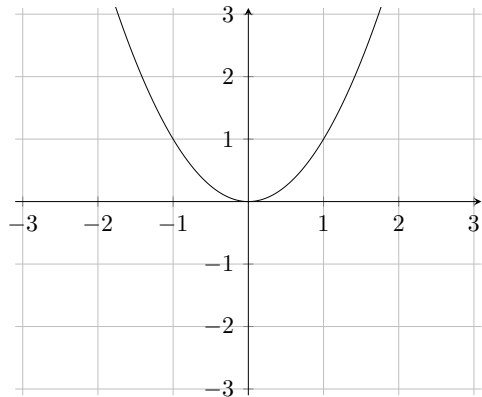
ii)



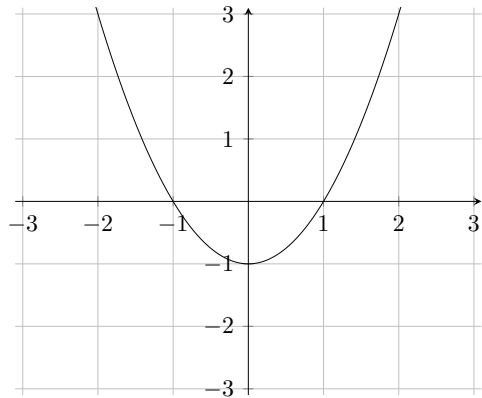
iii)



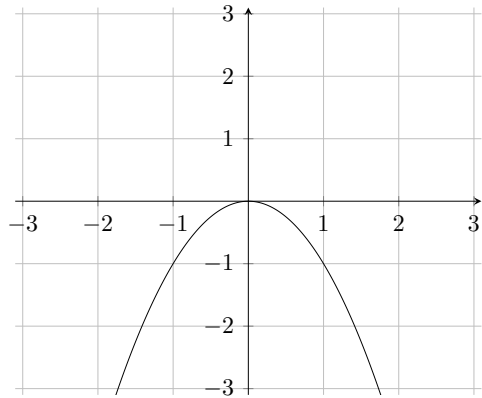
iv)



v)



vi)



vii)

