# **Worksheet function** $y=\frac{1}{x^{p}}$

**Exercise**

Using Geogebra <https://www.geogebra.org/calculator> draw the graph of the function y =$ \frac{1}{x^{p}}$ and write down the properties while p is the last number of your student identity code.

1. Graph
2. Properties
* Domain:
* Domain of variation:
* Eveness and odness:
* Monotomy:
* Extremes:
* Intersection points with coordinate axes:
* Domain of convexity:
* Inflection point:
* Inverse functions: