

The following problems will NOT be graded! The purpose is purely that I'd like understand the background of the class.

Draw the graphs of the following functions *as much as you can*. Mark the points that you think important to clarify the graph (such as x - or y - intercepts, or something else?).

1. $x = 1$

2. $y = 1$

3. $y = x$

4. $y = x^2$

5. $y = \sqrt{x}$

6. $y = 1/x$

7. $y = e^x$

8. $y = \ln x$

9. $y = |x|$

10. $y = \sin x$

11. $y = \cos x$

12. $y = \tan x$