Some of the functions you should know how to graph

MATH 131: Calculus II, Section 1
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You should be comfortable graphing the following functions and transformations of these graphs (see Section 1.2 for reminders of how to shift or scale graphs, particularly helpful may be the figures on page 17).

$$y = x^n \text{ for } 1 \leq n \leq 4$$

$$x = y^n \text{ for } 1 \leq n \leq 4$$

$$y = \frac{1}{x}$$

$$y = \frac{1}{x^2}$$

$$y = \sqrt{x}$$

$$y = \sqrt[3]{x}$$

$$y = \ln x$$

$$y = e^x$$

$$y = \sin x$$

$$y = \cos x$$

$$y = \tan x$$

$$y = \sec x$$

$$y = \arctan x$$

$$y = \arcsin x$$