Parent Function Repertoire

$$f(x) = x$$

$$f(x) = x^2$$

$$f(x) = x^3$$

$$f(x) = |x|$$

$$f(x) = x$$
 $f(x) = x^2$ $f(x) = x^3$ $f(x) = |x|$ $f(x) = \frac{|x|}{x}$ $f(x) = \sqrt{x}$ $f(x) = \sqrt[3]{x}$

$$f(x) = \sqrt{x}$$

$$f(x) = \sqrt[3]{x}$$













$$f(x)=e^x$$

$$f(x) = e^x f(x) = \ln(x)$$

$$f(x) = \sin(x)$$

$$f(x) = \sin(x)$$
 $f(x) = \cos(x)$ $f(x) = \tan x$ $f(x) = \frac{1}{x}$ $f(x) = \frac{1}{x^2}$

$$f(x) = \tan x$$

$$f(x) = \frac{1}{x}$$

$$\begin{array}{c|c} & & & \\ \hline \end{array}$$

$$-\frac{\pi}{2}$$
 $\frac{\pi}{2}$





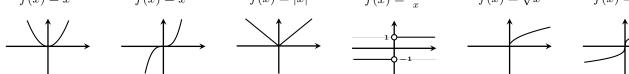
Parent Function Repertoire

$$f(x) = x$$



$$f(x) = |x|$$

$$f(x) = \frac{1}{x}$$



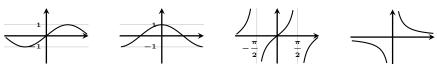
$$f(x) = e^x$$

$$f(x) = \ln(x)$$

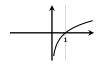
$$f(x) = e^x$$
 $f(x) = \ln(x)$ $f(x) = \sin(x)$ $f(x) = \cos(x)$ $f(x) = \tan x$ $f(x) = \frac{1}{x}$ $f(x) = \frac{1}{x^2}$

$$f(x) = \cos(x)$$

$$f(x) = \tan x$$





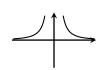






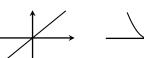




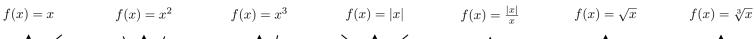


Parent Function Repertoire

$$f(x) = x$$















$$f(x) = e^x$$

$$f(x) = e^x$$
 $f(x) = \ln(x)$ $f(x) = \sin(x)$ $f(x) = \cos(x)$ $f(x) = \tan x$ $f(x) = \frac{1}{x}$

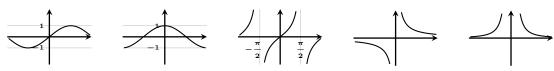
$$f(n) = \sin(n)$$

$$f(x) = e^x$$

$$f(x) = \sin(x)$$

$$f(x) = \cos(x)$$

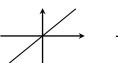
$$-\frac{\pi}{2}$$
 $\frac{\pi}{2}$





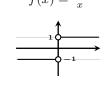
Parent Function Repertoire

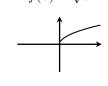
$$f(x) = x$$





$$f(x) = x^{2} \qquad f(x) = x^{3} \qquad f(x) = |x| \qquad f(x) = \frac{|x|}{x} \qquad f(x) = \sqrt{x} \qquad f(x) = \sqrt[3]{x}$$







$$f(x) = e^x$$

$$f(x) = \ln(x)$$

