## Parent function

## Please check out the following parent function list.

1. 
$$y = x$$

2. 
$$y = |x|$$

3. 
$$y = x^2$$

4. 
$$y = x^3$$

5. 
$$y = x^b$$

**6**. 
$$y = \sqrt{x}$$

7. 
$$y = \sqrt[3]{x}$$

8. 
$$y = \frac{1}{x}$$

9. 
$$y = 2^x$$

10. 
$$y = e^x$$

11. 
$$y = \ln x$$

12. 
$$y = \frac{1}{1+e^{-x}}$$

$$13. \ y = \sin x$$

**14**. 
$$y = \cos x$$

15. 
$$y = \tan x$$