

Parent Functions

Functions that give a shape a particular function

1. Identity Function

4. Square Root Function

7. Absolute Value Function

2. Square Function

5. Cube Root Function

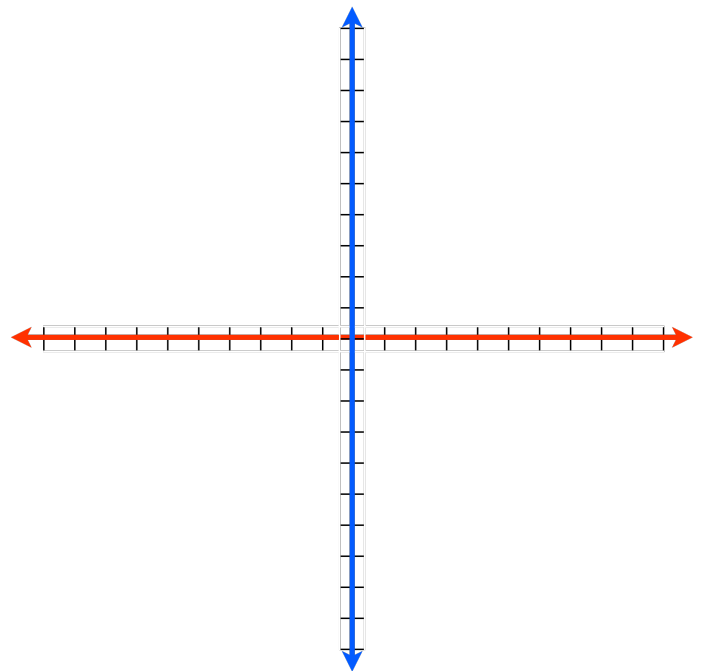
8. Exponential Function

3. Cube Function

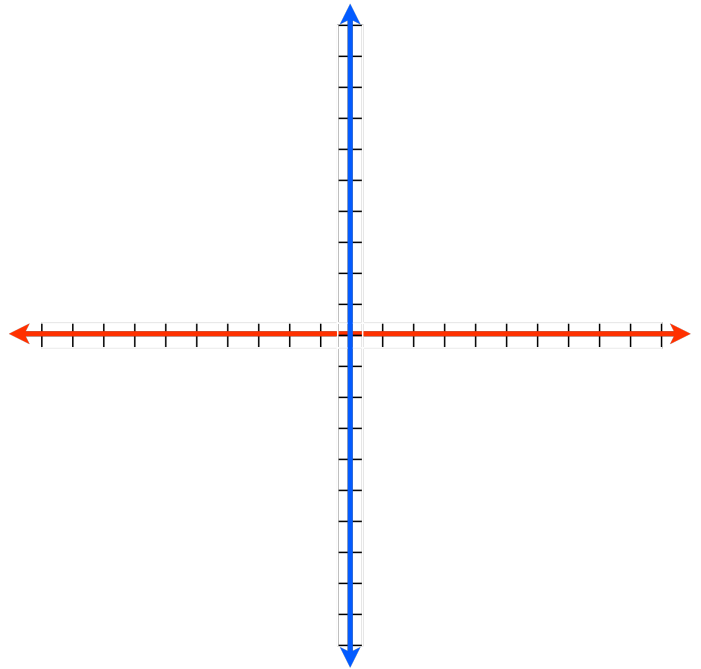
6. Reciprocal Function

9. Logarithmic Function

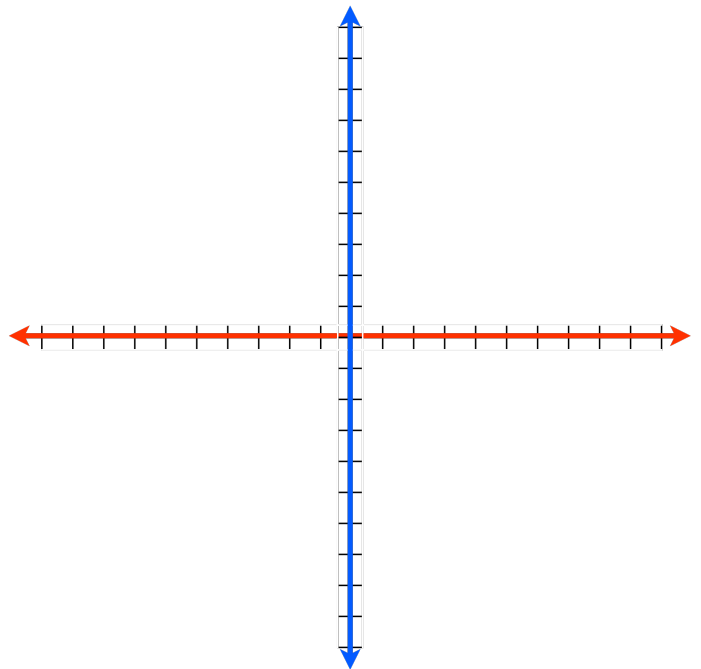
Linear Function



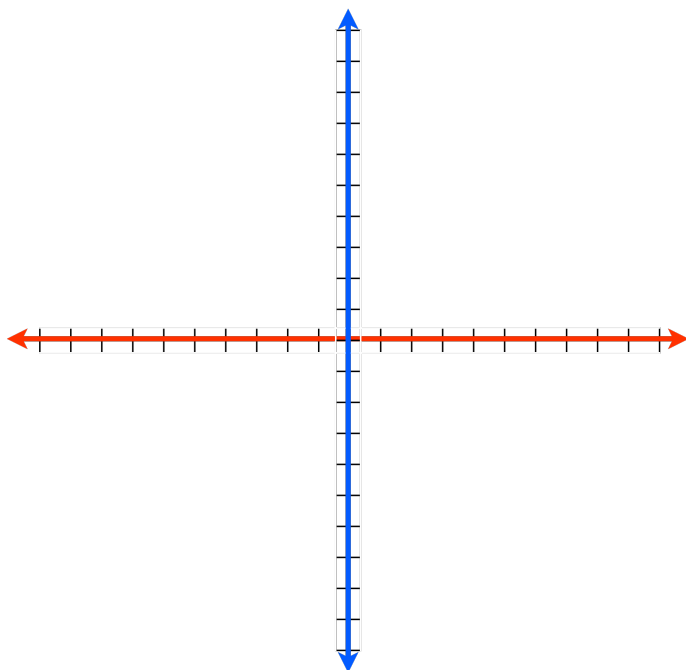
Square Function



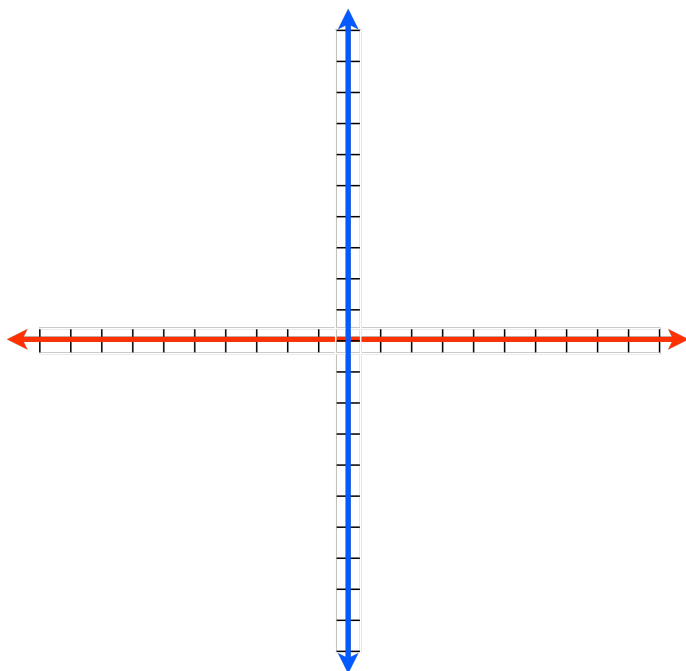
Cube Function



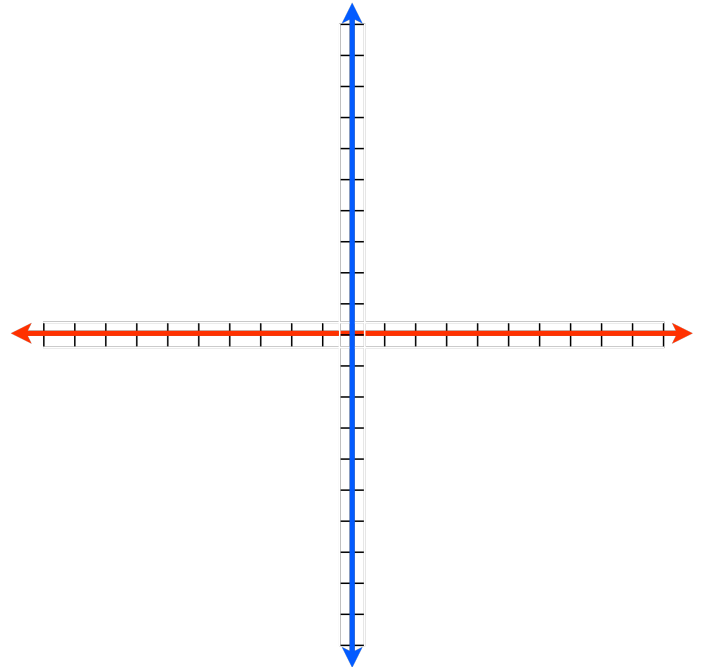
Square Root Function



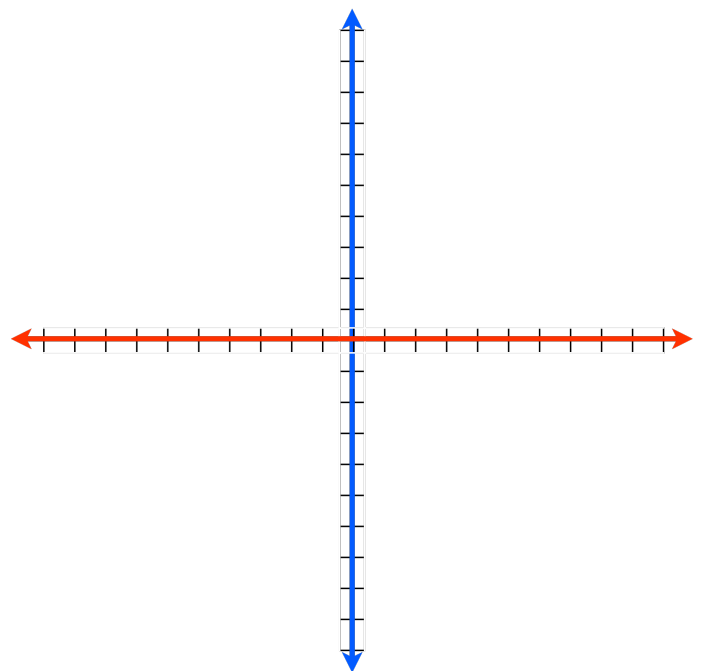
Cube Root Function



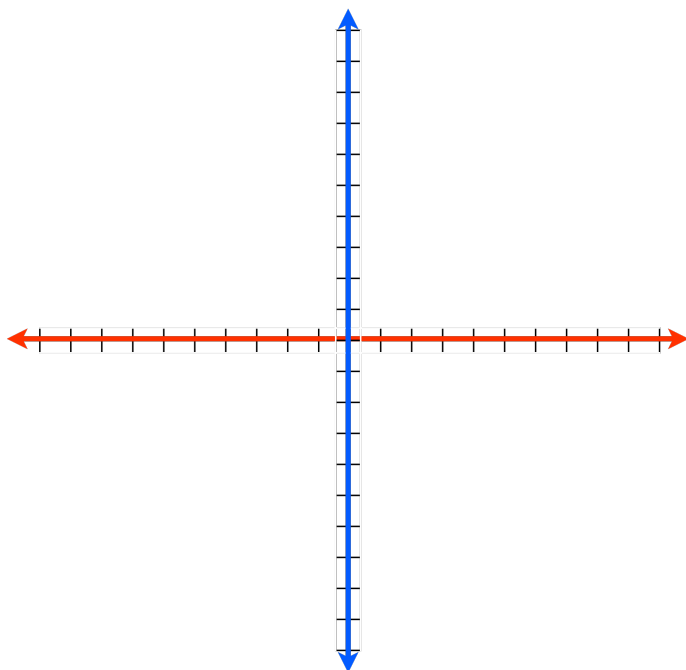
Reciprocal Function



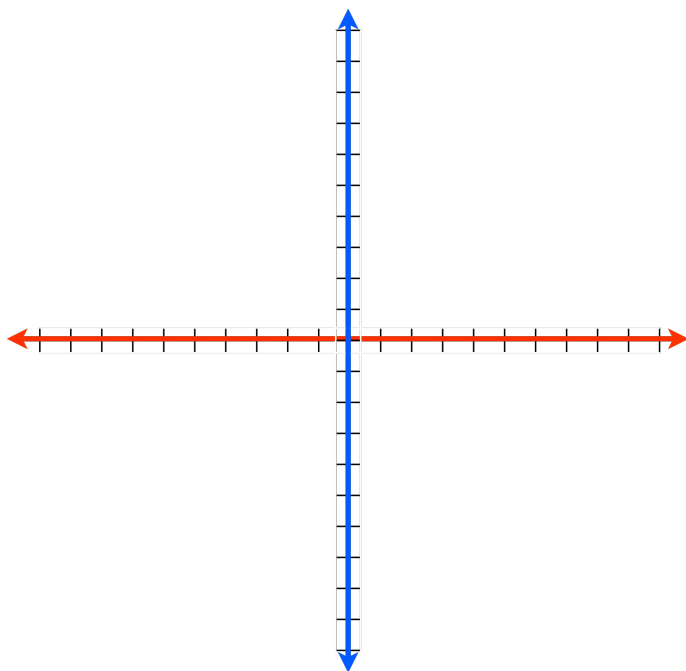
Reciprocal Function



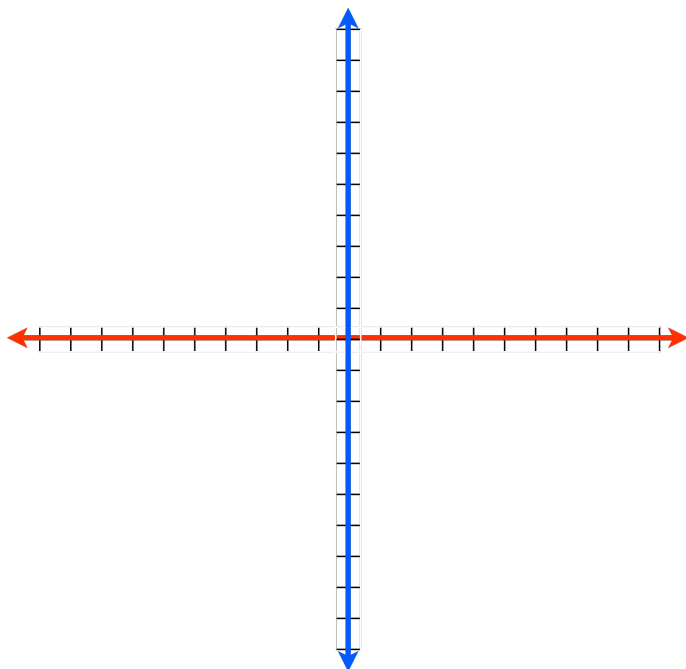
Absolute Value Function



Exponential Function



Logarithmic Function

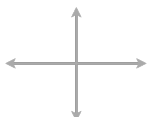


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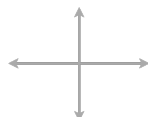
1. Identity Function

$$f(x) = x$$



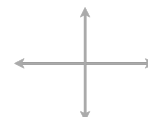
4. Square Root Function

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



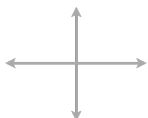
7. Absolute Value Function

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



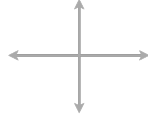
2. Square Function

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



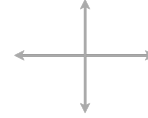
5. Cube Root Function

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



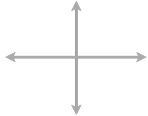
8. Exponential Function

$$f(x) = a^x$$



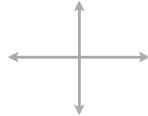
3. Cube Function

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



6. Reciprocal Function

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



9. Logarithmic Function

$$f(x) = \log x$$

