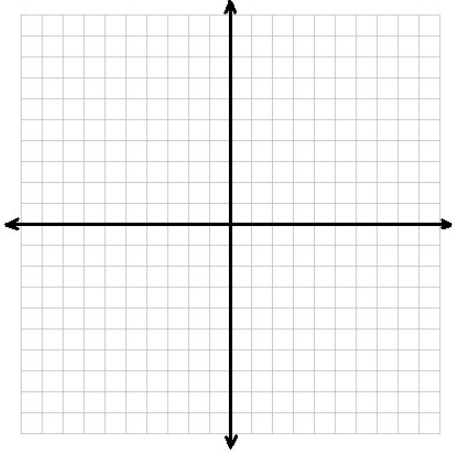


The Identity Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

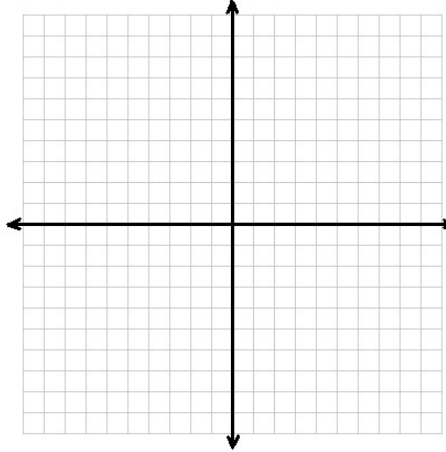
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Absolute Value Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

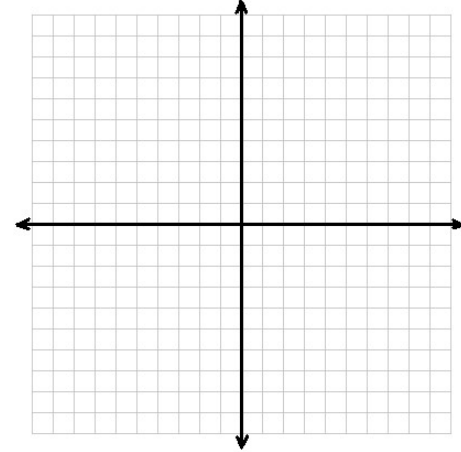
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Squaring Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

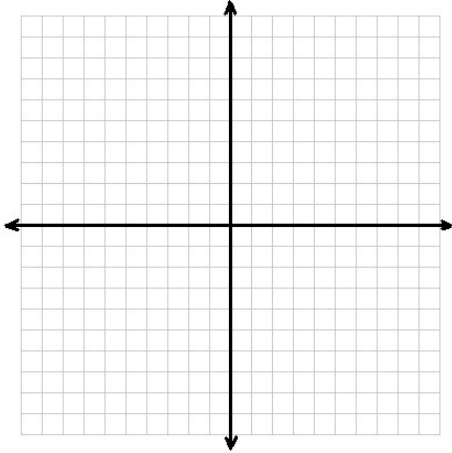
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Square Root Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

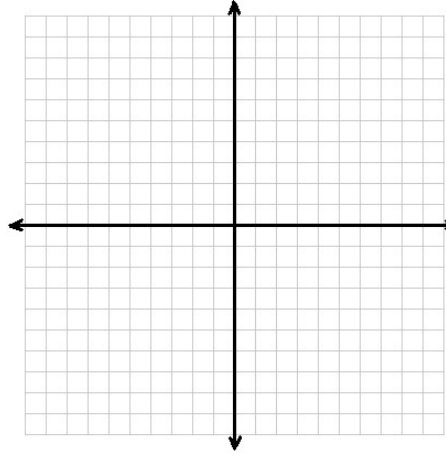
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Cubing Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

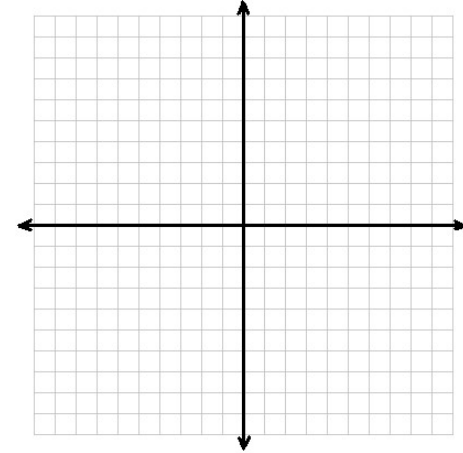
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Cube Root Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

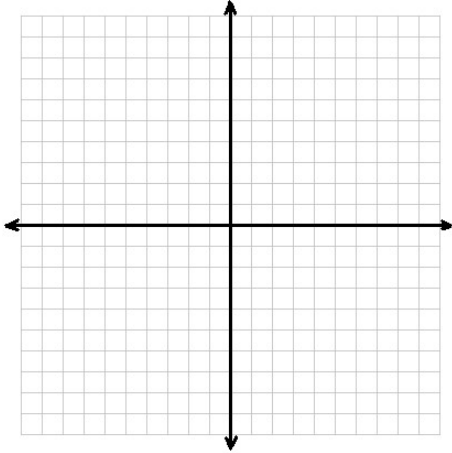
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Reciprocal Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

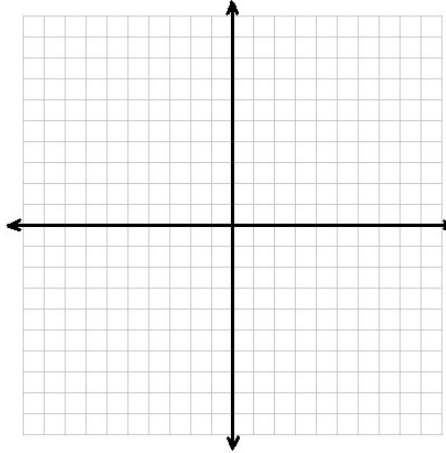
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The "Volcano" Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

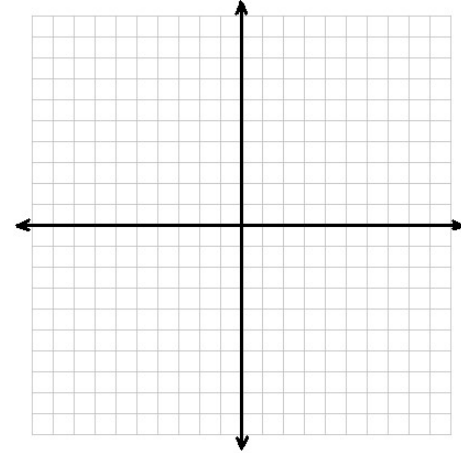
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Exponential Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

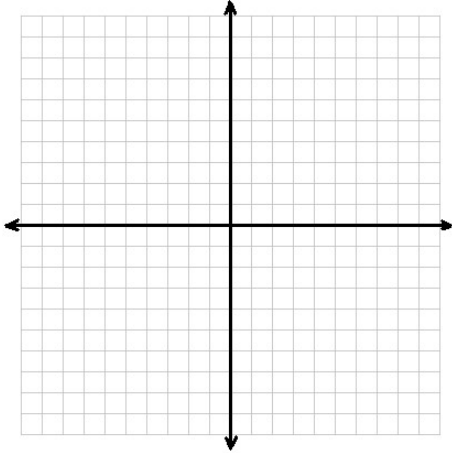
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

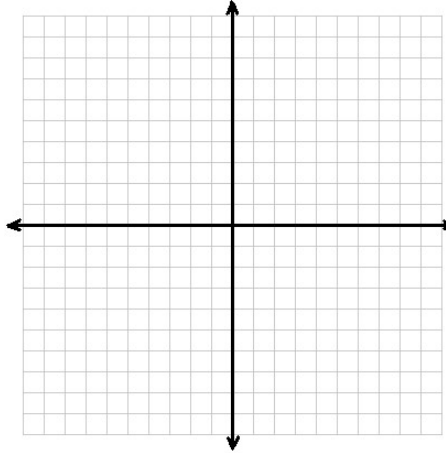
Horizontal Asymptotes _____

The Natural Log Function



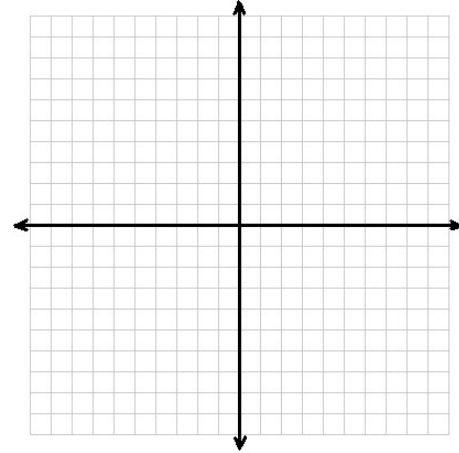
Function Rule _____
Domain _____
Range _____
Continuous YES/NO
Type of Discontinuity _____
Increasing _____
Decreasing _____
Constant _____
Bounded Above/Bounded Below/
Bounded/Unbounded
Upper Bound _____ Lower Bound _____
Local Mins _____
Local Maxs _____
Absolute Min _____
Absolute Max _____
Odd/Even/Neither
Vertical Asymptotes _____
Horizontal Asymptotes _____

The Sine Function



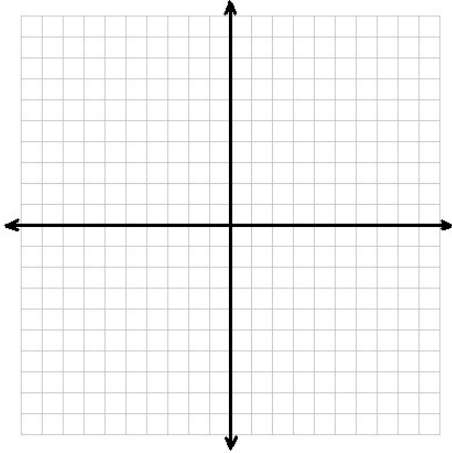
Function Rule _____
Domain _____
Range _____
Continuous YES/NO
Type of Discontinuity _____
Increasing _____
Decreasing _____
Constant _____
Bounded Above/Bounded Below/
Bounded/Unbounded
Upper Bound _____ Lower Bound _____
Local Mins _____
Local Maxs _____
Absolute Min _____
Absolute Max _____
Odd/Even/Neither
Vertical Asymptotes _____
Horizontal Asymptotes _____

The Cosine Function



Function Rule _____
Domain _____
Range _____
Continuous YES/NO
Type of Discontinuity _____
Increasing _____
Decreasing _____
Constant _____
Bounded Above/Bounded Below/
Bounded/Unbounded
Upper Bound _____ Lower Bound _____
Local Mins _____
Local Maxs _____
Absolute Min _____
Absolute Max _____
Odd/Even/Neither
Vertical Asymptotes _____
Horizontal Asymptotes _____

The Tangent Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

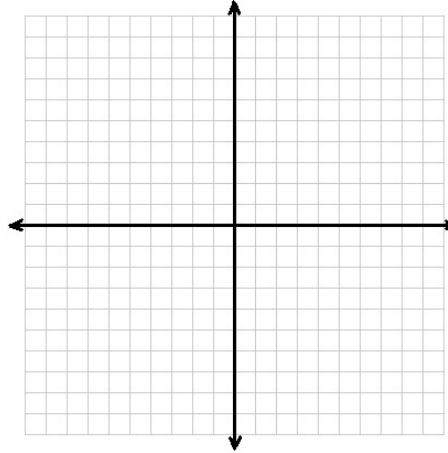
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

The Greatest Integer Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

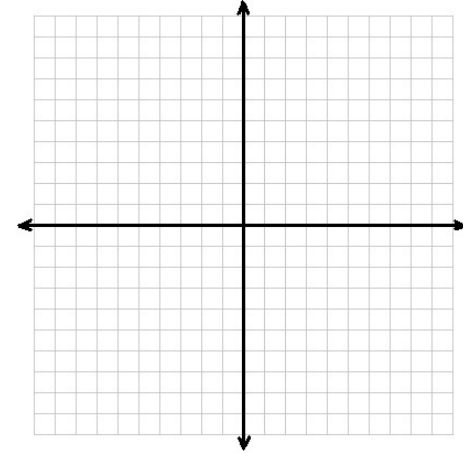
Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____

Logistic Function



Function Rule _____

Domain _____

Range _____

Continuous YES/NO

Type of Discontinuity _____

Increasing _____

Decreasing _____

Constant _____

Bounded Above/Bounded Below/
Bounded/Unbounded

Upper Bound _____ Lower Bound _____

Local Mins _____

Local Maxs _____

Absolute Min _____

Absolute Max _____

Odd/Even/Neither

Vertical Asymptotes _____

Horizontal Asymptotes _____