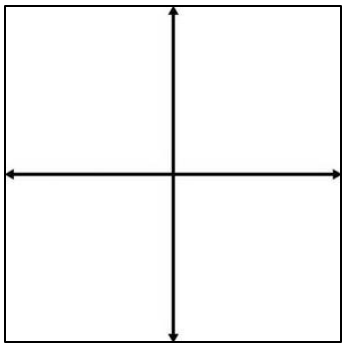
$f(x)=x^2$



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Asymptotes:

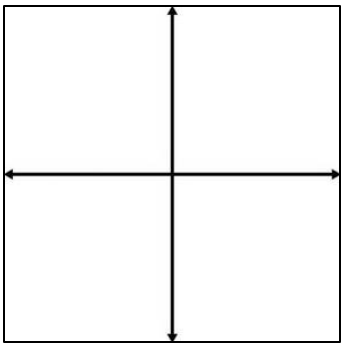
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

$f(x)=x^3$



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Asymptotes:

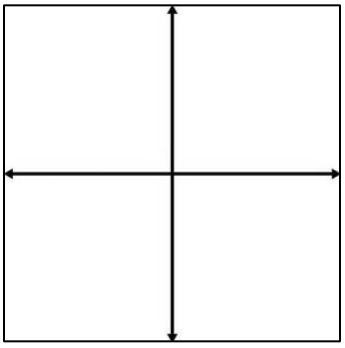
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

$f(x)=|x|$



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Asymptotes:

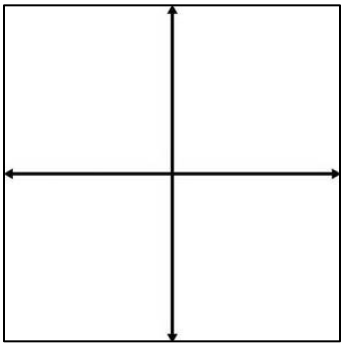
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

$f(x)=[\![x]\!]$



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Asymptotes:

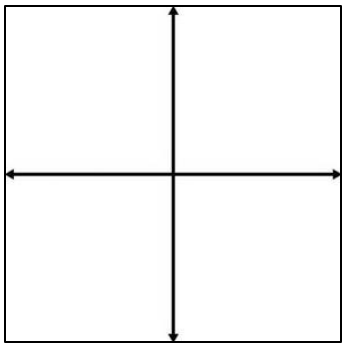
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

$f(x)=e^x$



Domain:

Range:

X-intercept:

Y-Intercept:

Translation Form:

Asymptotes:

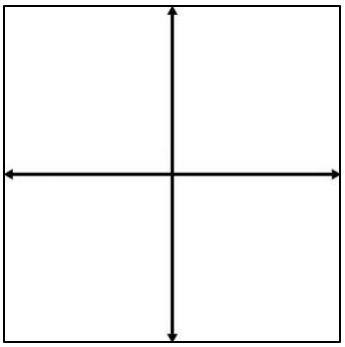
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

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



Domain:

Range:

X-intercept:

Y-Intercept:

Translation Form:

Asymptotes:

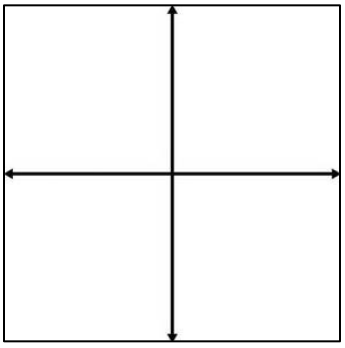
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

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



Domain:

Range:

X-intercept:

Y-Intercept:

Translation Form:

Asymptotes:

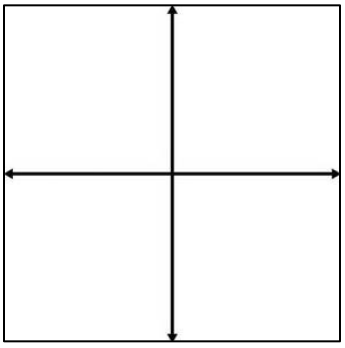
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

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



Domain:

Range:

X-intercept:

Y-Intercept:

Translation Form:

Asymptotes:

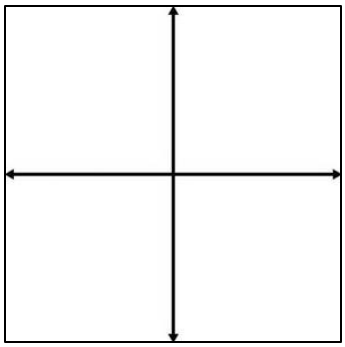
Symmetry:

Increasing Interval:

Other:

Decreasing Interval:

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



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Amplitude:

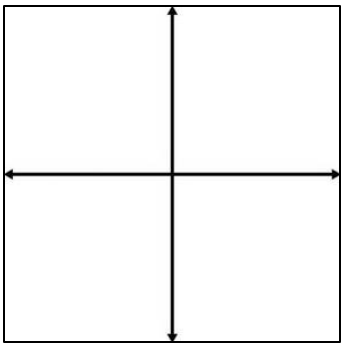
Symmetry:

Increasing Interval:

Other:
Period -
Phase Shift

Decreasing Interval:

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



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Amplitude:

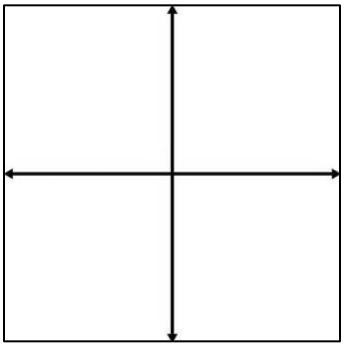
Symmetry:

Increasing Interval:

Other:
Period -
Phase Shift

Decreasing Interval:

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



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Asymptotes:

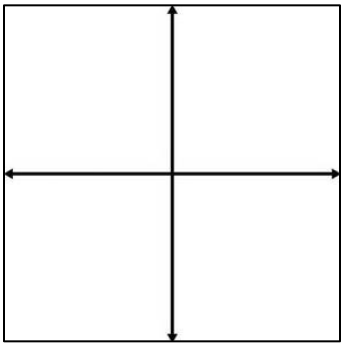
Symmetry:

Increasing Interval:

Other:
Physique -

Decreasing Interval:

$f(x)=\cot(x)$



Domain:

Range:

X-intercept:

Translation Form:

Y-Intercept:

Asymptotes:

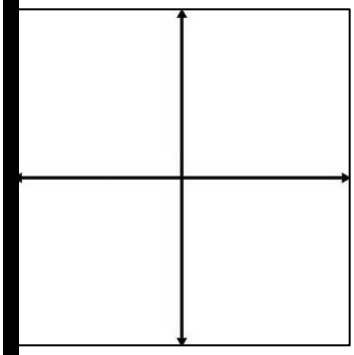
Symmetry:

Increasing Interval:

Other:
Physique -

Decreasing Interval:

$f(x)=\sec(x)$



Domain:

Range:

X-intercept:

Y-Intercept:

Translation Form:

Asymptotes:

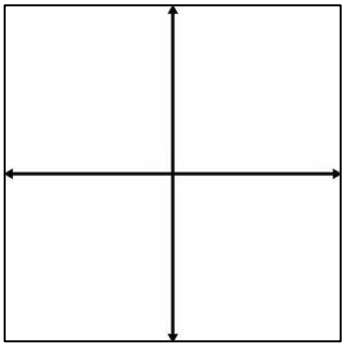
Symmetry:

Increasing Interval:

Other:
Period -

Decreasing Interval:

$f(x)=\csc(x)$



Domain:

Range:

X-intercept:

Y-Intercept:

Translation Form:

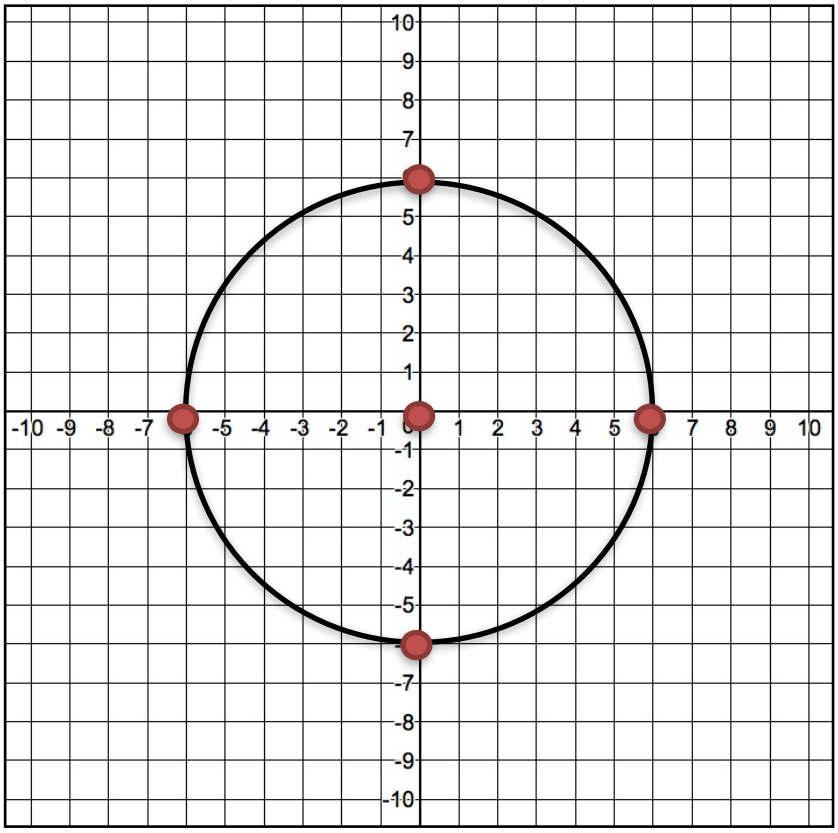
Asymptotes:

Symmetry:

Increasing Interval:

Other:
Period -

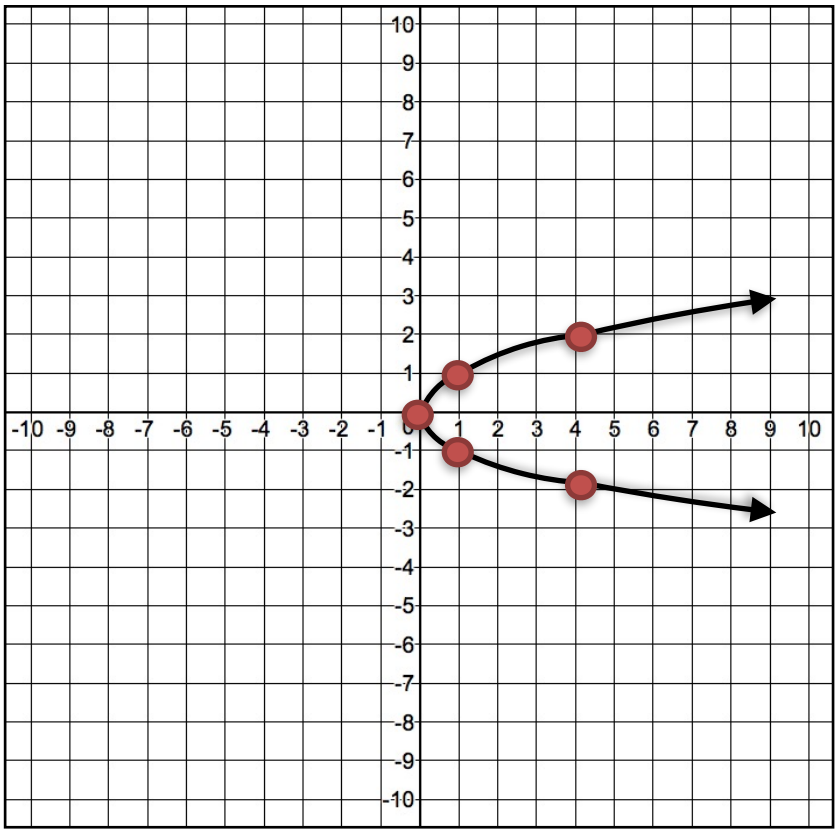
Decreasing Interval:



$$(x-h)^2+(y-k)^2=r^2$$

Center:
(opp h, opp k)

Radius: Take the square root of….

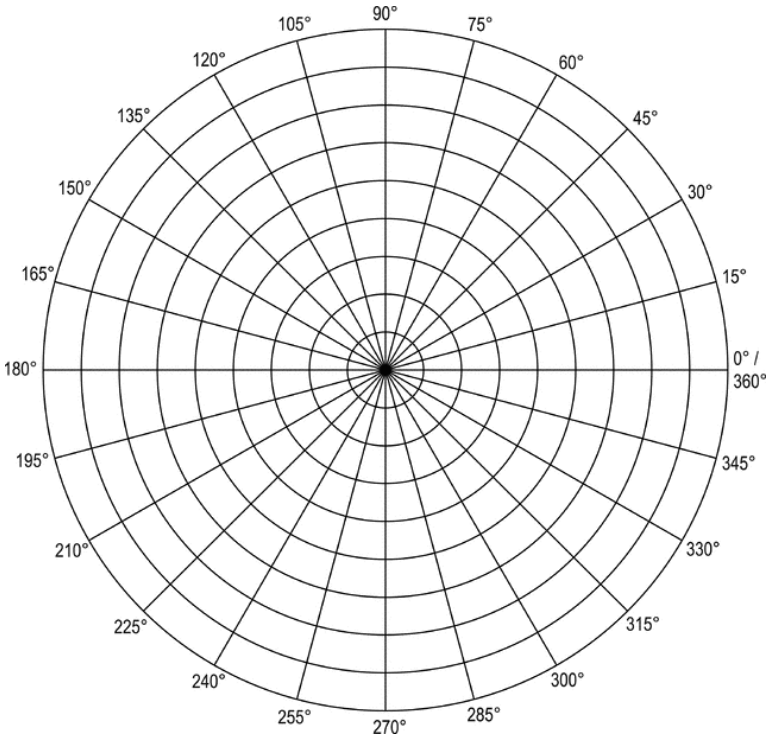


$$a\left(y-h\right)^2+k=x$$

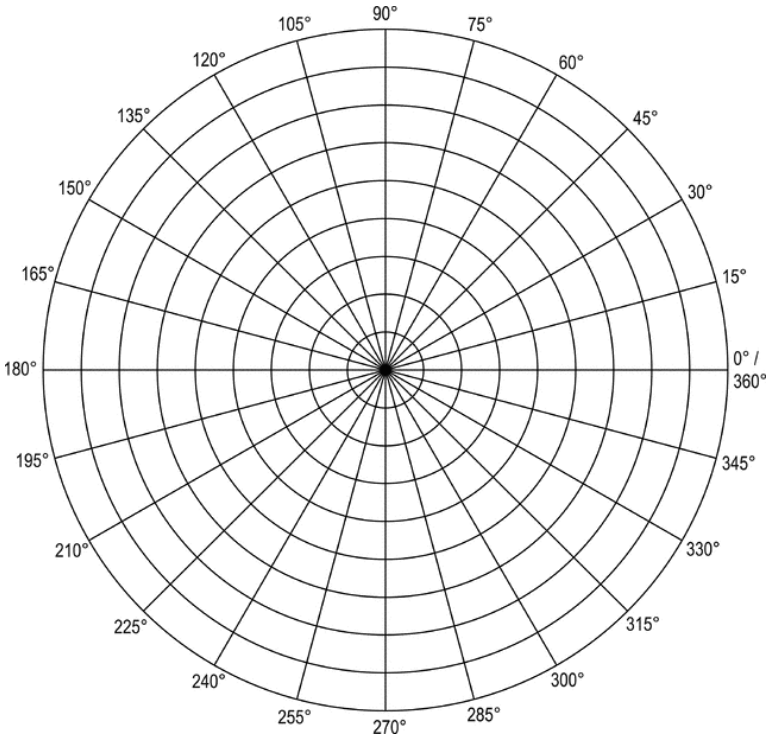
Multiplier applied to the x value of the parent graph.

Moves graph in opposite direction vertically.

Moves graph in true direction horizontally.



$$r\left(\theta\right)=\sin\left(\theta\right)$$



$$r\left(\theta\right)=\cos\left(\theta\right)$$