1) The length of the radius

.

Observations:

Sinθ=

Cosθ=

Tanθ=

Cscθ=

Secθ=

Cotθ =

Sinθ=

Cosθ=

Tanθ=

Cscθ=

Secθ=

Cotθ =

**Trig Functions of Quadrantal Angles**

Sinθ=

Cosθ=

Tanθ=

Cscθ=

Secθ=

Cotθ =

Sinθ=

Cosθ=

Tanθ=

Cscθ=

Secθ=

Cotθ =

3) are undefined

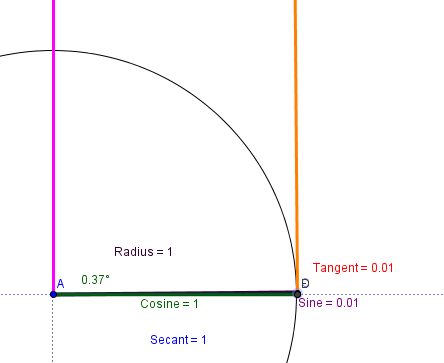
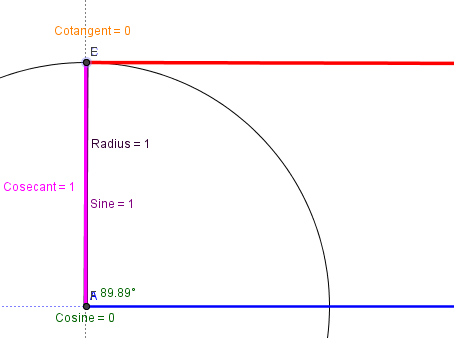
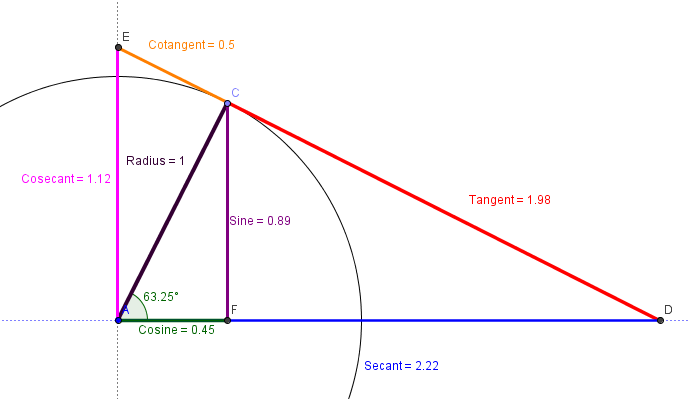
on the x axis and

are undefined on the y axis.

2) The trig ratios on quadrantal angles

will always be either .

4) Will sine or cosine ever be undefined?



**90°**

**0°**