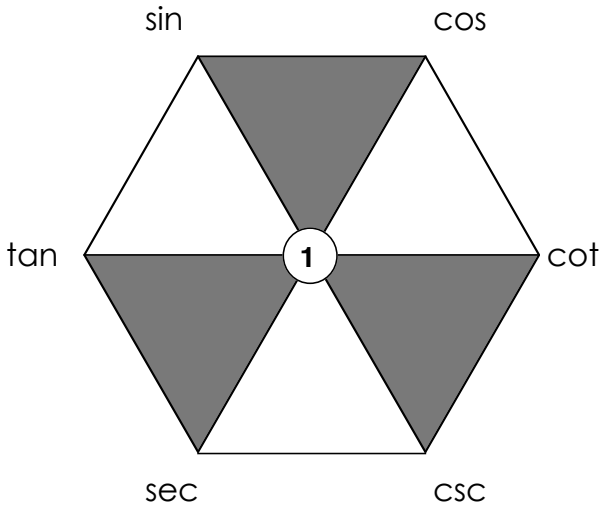
The Hexagon of Trigonometric Identities
(Compliments of Ms. Lety Garcia)



Reciprocal Identities:

The diagonals represent the reciprocal identities:
Example: $\sin\alpha = \frac{1}{\csc\alpha}$

Quotient Identities:

Select a vertex and go clockwise or counter-clockwise.
Example: $\tan\alpha = \frac{\sin\alpha}{\cos\alpha}$

Pythagorean Identities:

Look at the shaded triangle and read it from top to bottom.
Example: $\sin^2\alpha + \cos^2\alpha = 1$

Product Identities:

Choose a vertex. It is the product of the surrounding trig functions.
Example: $\sin\alpha = \tan\alpha\cos\alpha$