Index Card #20

Angle Formulas

 All of These Formulas are on the Reference Sheet

When you have one of the Situations Below Find the Appropriate Formula

if you do not know the Value of the Function: Use a Triangle & Pythagorean

 Theorem

**Sum & Difference Formulas:**

Used: Sin (A + B) Cos (A + B) Tan (A + B)

 Or to find the exact value of an angle you do not know Like.. Sin 75

**Double Angle Formulas:**

Used: Sin 2A Cos 2A Tan 2A

 Or to find the exact value of an angle you do not know Like.. Sin 120

**Half Angle Formulas:**

Used: Sin $\frac{1}{2}$A Cos $\frac{1}{2}$A Tan $\frac{1}{2}$A

 Or to find the exact value of an angle you do not know Like.. Sin 15