

# Download Trig Product To Sum

In mathematics, trigonometric identities are equalities that involve trigonometric functions and are true for every value of the occurring variables where both sides of the equality are defined. Geometrically, these are identities involving certain functions of one or more angles. They are distinct from triangle identities, which are identities potentially involving angles but also involving ...

**Summary:** Continuing with trig identities, this page looks at the sum and difference formulas, namely  $\sin(A \pm B)$ ,  $\cos(A \pm B)$ , and  $\tan(A \pm B)$ . Remember one, and all the rest flow from it. There's also a beautiful way to get them from Euler's formula.

©2005 Paul Dawkins Trig Cheat Sheet Definition of the Trig Functions Right triangle definition For this definition we assume that  $0 < \theta < 90^\circ$  or  $0 < \theta < \frac{\pi}{2}$ .

**HOW BECOME A TRIGONOMETRY & PRECALCULUS MASTER IS SET UP TO MAKE COMPLICATED MATH EASY:** This 302-lesson course includes video and text explanations of everything from Trigonometry and Precalculus, and it includes 89 quizzes (with solutions!) and an additional 10 workbooks with extra practice problems, to help you test your understanding along the way. - Trig Product To Sum