GSE PreCalculus

Guided Notes

**Sum/Difference Identities**

sin (α±β) = sinα cosβ± cosα sinβ cos (α±β) = cosα cosβ sinαsinβ tan (α±β) = 

Example 1: Use the sum and difference identities to find the exact value: 



1. 
2. 
3. 

Example 2: Rewrite the expression using sin, cos, or tan: 

Example 3: Find the exact value of the trig function given: 

Find 

Example 4: Verify 