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(1)　$\sin(-\alpha) = -\sin\alpha$

(2)　$\cos(-\alpha) = \cos\alpha$

(3)　$\sin(\alpha + \beta) = \sin\alpha\cos\beta + \cos\alpha\sin\beta$

(4)　$\cos(\alpha + \beta) = \cos\alpha\cos\beta - \sin\alpha\sin\beta$

(5)　$\tan(\alpha + \beta) = \dfrac{\tan\alpha + \tan\beta}{1 - \tan\alpha\tan\beta}$

(6)　$\sin\alpha + \sin\beta = 2\sin\dfrac{\alpha + \beta}{2}\cos\dfrac{\alpha - \beta}{2}$

(7)　$\cos\alpha + \cos\beta = 2\cos\dfrac{\alpha + \beta}{2}\cos\dfrac{\alpha - \beta}{2}$