

Addition and Subtraction Identities for Sine

Addition and Subtraction Identities for Cosine

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Addition and Subtraction Identities for Tangent

Cofunction Identities

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$$\sin 2u \cos 3u - \cos 2u \sin 3u$$

$$\frac{\tan -v + \tan 3v}{1 - \tan -v \tan 3v}$$

$$\sin 2x \cos -2x - \cos 2x \sin -2x$$

$$\sin -3x \cos 4x + \cos -3x \sin 4x$$