Cheatography

Alg. 2

by Jcardona via cheatography.com/21792/cs/4292/



Domain and Range

Domain: The domain of a function is the set of all possible input values (often the "x" variable), which produce a valid output from a particular function. It is the set of all real numbers for which a function is mathematically defined. Range: The range is the set of all possible output values (usually the variable y, or sometimes expressed as f(x)), which result from using a particular function.



By Jcardona

cheatography.com/jcardona/



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y= ln x
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y= b^x

 $n(\frac{a}{2}) = \pm \sqrt{\frac{(1-\cos \alpha)}{2}}$ $\cos(\frac{a}{2}) = \pm \sqrt{\frac{(1+\cos a)}{2}}$ $n(\frac{a}{2}) = \frac{1 - \cos a}{\sin a} = \frac{\sin a}{1 + \cos a}$

Double-angle Identities

 $15 \quad \tan\left(\frac{\theta}{2}\right) = \pm \frac{1}{\sqrt{1+\cos\theta}} \qquad \quad \tan\left(\frac{\theta}{2}\right) = \frac{1-\cos\theta}{\cos\theta} + \frac{\cos\theta}{1+\cos\theta}$

Logarithmic and Exponential Equations

Half-Angle Identities

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