## Answer on Question #47081 - Math - Differential Calculus | Equations

## **Question:**

Differentiate with respect to  $x:f(x) = \cos x$ 

-sinx

sinx

sin^2x

cos^2

## Solution:

The derivative of f(x) equals

$$f'(x) = (\cos x)' = -\sin x$$

**Answer**:  $-\sin x$ .

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