

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

Question:

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

$-\sin x$

$\sin x$

$\sin^2 x$

\cos^2

Solution:

The derivative of $f(x)$ equals

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

Answer: $-\sin x$.