

# Re: Differentiating Implicitly

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*Source:* <http://sci.tech-archive.net/Archive/sci.math/2008-04/msg04017.html>

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  - *Date:* Mon, 21 Apr 2008 21:48:02 -0700
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On Tue, 22 Apr 2008, Buffalo Books wrote:

Hello,

Could someone please help me to differentiate the following implicitly:

$$2x^2 y + \sin y = 7$$

With respect to x, assuming  $y = y(x)$  ?

What's  $d7/dx$ ? On the other side use theorems that the derivative of the sum is the sum of the derivatives, the product rule and finally the chain rule.

Let's see how far you can go.

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