

Re: how to factor $a^n - b^n$

Source: <http://sci.tech-archive.net/Archive/sci.math/2005-11/msg04119.html>

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 - *Date:* Sat, 26 Nov 2005 12:41:07 -0500
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Kenneth Bull wrote:

How does one factor $a^n - b^n$ where n is a natural number?

$$a^n - b^n = (a - b) \sum_{k=0}^{n-1} a^{n-k-1} b^k$$

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