

sci.math: Re: 64 – is this the only number that is both a sq and a cube?

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**From:** Stan Brown (*the\_stan\_brown\_at\_fastmail.fm*)

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"ray" <ray\_sitf@yahoo.co.uk> wrote in sci.math:

*>But isn't it a bit surprising that the least number that is a square,  
>a cube and a fifth power is 1,073,741,824?*

It would be, if it were true. :-)

There are two smaller numbers with that property: 0 and 1.

But if you mean the least non-trivial one, well 30 is the least common multiple of 2, 3, and 5, and  $2^{30}$  = what you said.

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A: Maybe because some people are too annoyed by top-posting.

Q: Why do I not get an answer to my question(s)?

A: Because it messes up the order in which people normally read text.

Q: Why is top-posting such a bad thing?