

Re: Solving $a * 0 = 0$ Plankenstein Monster "IT'S ALLLLLiiiiivvvvvvve !!!"

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- *From:* huangxienchen@xxxxxxxxxx
 - *Date:* 29 Dec 2006 22:38:04 -0800
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William Elliot wrote:

On Fri, 29 Dec 2006, David C. Ullrich wrote:

On 28 Dec 2006 19:06:19 -0800, huangxienchen@xxxxxxxxxx wrote:

If someone says that $R * 0 = 0$, then R is a solution ?

No. Nobody has said that R is a solution. R is the solution set. That means that R is the set of all solutions.

$$0 * R = \{0\} = R * \{0\}$$

$a * 0 = 0$ solutions exist
 $0 = 0$ solutions do not exist. There is no variable to solve for.

You could just as easily argue

$0 = 0$ has no unknowns to solve for.
 $a * 0 = 0$ has solutions of the form $\{a\}$ or all of R
 $a * b * 0 = 0$ has solutions of the form $\{a,b\}$ or all of R
etc
etc until you have an infinite number of variable

$$a_1 * a_2 * a_3 * \dots * a_n * 0 = 0, \text{ where } n \rightarrow \text{infinity}$$

You can argue all kinds of things. The bottom line is simple. The answer, whatever it might be, will be just one of many equally acceptable other answers and the choice as to which might be best is completely INDETERMINATE.

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You can maintain whatever you want. Lots of people enjoy posting nonsense on usenet. So what?

Ok, I'll maintain my astonishment at you maintaining your patience.

I'll be astonished if you ever post on topic.

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