



Feb 13th 3:23:26 am

Welcome Tracey, I'm finding you a tutor ASAP.

Feb 13th 3:23:28 am

The tutor will look over your problem quickly and then you can get going. 🚀

Feb 13th 3:23:30 am

TUTOR FOUND, NOW REVIEWING PROBLEM AT NO CHARGE

Feb 13th 3:23:36 am

SESSION STARTED AT 9:23 PM

Feb 13th 3:23:37 am

Hello Tracey!

Feb 13th 3:23:52 am

hi

Feb 13th 3:24:01 am

Do we need to simplify $1 + \sqrt{24}$?

Feb 13th 3:24:21 am

yes

Feb 13th 3:24:50 am

Ok!

Feb 13th 3:24:54 am

Have you already tried any work on this problem?

Feb 13th 3:25:00 am

no because i don't know what to do

Feb 13th 3:26:10 am

Ok, no problem. We will work together to find the solution!

Feb 13th 3:26:32 am

ok

Feb 13th 3:26:38 am

What do you know about simplifying radicals?

Feb 13th 3:26:47 am

nothing

Feb 13th 3:27:24 am

Do you know what a perfect square number is?

Feb 13th 3:27:42 am

a number that can be divided and the quotient comes out to be a solid number?

Feb 13th 3:29:00 am

Good try! But, that's not the concept of perfect square number. Let's review that

Slowest response Feb 13th 3:30:36 am

ok.

Feb 13th 3:30:48 am

A perfect square is a number that can be expressed as the product of two equal integers.

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For example, 81 is a perfect square number because it can be expressed as 9^2

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Also 16 is a perfect square number, because it can be written as 4^2

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Does that make sense so far?

Feb 13th 3:31:34 am

yes

Feb 13th 3:31:56 am

Great! Also, for these kind of numbers we can solve square roots, for example, the square root of 81 is 9 and the square root of 16 is 4.

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Can we solve square root of 24?

Feb 13th 3:32:29 am

no

Feb 13th 3:32:44 am

Exactly! T

Feb 13th 3:32:53 am

We need to figure out a way to simplify it as much as possible.

Feb 13th 3:33:04 am

Can we rewrite 24 as a product of two numbers such that one of those numbers is a perfect square number?

Feb 13th 3:33:21 am

no

Feb 13th 3:34:25 am

Yes we can, that's what we need to do. Let me show you an example, please.

Feb 13th 3:34:43 am

Student ended session

Feb 13th 3:35:16 am