

Jan 12th 1:52:38 am

Helpme!

Jan 12th 1:52:40 am

I'm connecting you with a tutor now.

Jan 12th 1:52:42 am

TUTOR FOUND, NOW REVIEWING PROBLEM AT NO CHARGE

Jan 12th 1:52:43 am

Yupppppp 🙌

Jan 12th 1:52:45 am

Have you started on the problem at all?

Jan 12th 1:52:48 am

📹 your work and share with your tutor. There's no such thing as sharing too little work 😊

Jan 12th 1:52:50 am

SESSION STARTED AT 5:53 PM

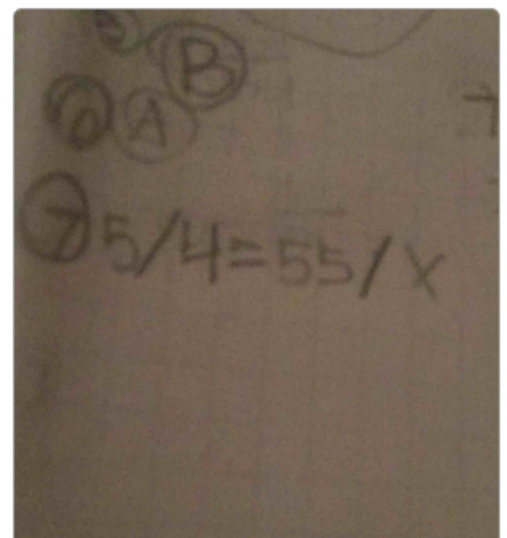
Jan 12th 1:53:02 am

Hello!

Jan 12th 1:53:14 am

How are you?

Jan 12th 1:53:22 am



Jan 12th 1:53:22 am

Good how are you

Jan 12th 1:53:36 am

I am well.

Jan 12th 1:54:08 am

How can I help you?

Jan 12th 1:54:28 am

I see your proportion is set up correctly.

Jan 12th 1:55:20 am

What is your question?

Jan 12th 1:55:27 am

?

Jan 12th 1:56:05 am

Constructed Response

7. The table shows the party affiliations of the 100 Senate members of the 109th Congress. The ratio of Republicans to Democrats is 5:4. How many senators are Democrats? Independents? (9-1)

Party Affiliation	Number of Senators
Republican	55
Democrat	
Independent	

Jan 12th 1:56:13 am

I know.

Jan 12th 1:56:24 am

But you seem to understand the question already.

Jan 12th 1:56:39 am

What is confusing you?

Jan 12th 1:56:44 am

?

Jan 12th 1:57:49 am

You have the proportion. How do you solve for x?

Jan 12th 1:58:08 am

I had a tutor that was showing what to do but.....

Jan 12th 1:57:39 am

Idk

Jan 12th 1:58:47 am

You don't know at all?

Jan 12th 1:58:57 am

Any proportion you need to do what?

Jan 12th 1:59:10 am

I don't remebr

Jan 12th 1:59:49 am

Remember

Jan 12th 1:59:58 am

You need to cross-multiply

Jan 12th 2:00:04 am

Can you show me how

Jan 12th 2:00:38 am

$$5/4 = 55/x$$

Jan 12th 2:00:55 am

so...top of the left multiplied by the bottom of the right

Jan 12th 2:01:20 am

and bottom of left by top of right

Jan 12th 2:01:27 am

so what is 5 multiplied by ... ?

Jan 12th 2:01:50 am

4

Jan 12th 2:02:04 am

no...

Jan 12th 2:02:41 am

the bottom of the other proportion

Jan 12th 2:02:53 am

55/x

Jan 12th 2:03:07 am

that's the whole proportion

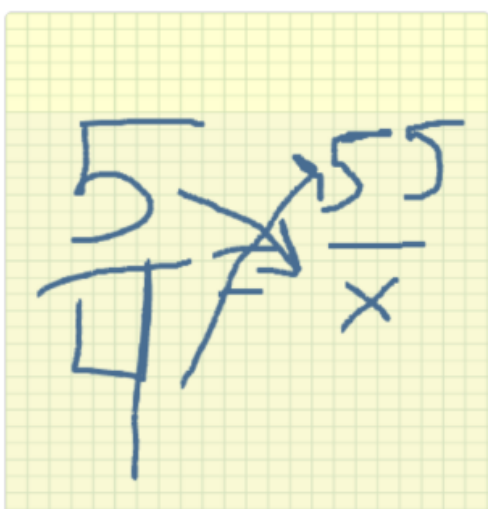
Jan 12th 2:03:19 am

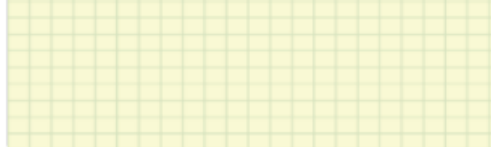
you want just the bottom

Jan 12th 2:03:24 am

Oh thank you so that's my answer

Jan 12th 2:03:40 am





Jan 12th 2:04:21 am

A little messy...

Jan 12th 2:04:34 am

but you can see why it's called cross-multiplication

Jan 12th 2:04:44 am

you cross over to the other side and multiply

Jan 12th 2:04:56 am

so 5 times what ?

Jan 12th 2:05:08 am

But how was 5X

Jan 12th 2:06:15 am

And 4 is 55

Jan 12th 2:06:44 am

yes!

Jan 12th 2:06:51 am

so what is 4 times 55?

Jan 12th 2:06:56 am

220

Jan 12th 2:08:05 am

good! now we set equal to each other our two answers.

Jan 12th 2:08:23 am

$220 = 5x$

Jan 12th 2:08:28 am

and we solve for x....

Jan 12th 2:08:32 am

so what is our answer?

Jan 12th 2:08:41 am

?

Jan 12th 2:09:43 am

$55/x$

Jan 12th 2:10:10 am

?

Jan 12th 2:10:36 am

$220 = 5x$

Jan 12th 2:10:48 am

so what is x?

Jan 12th 2:10:52 am

5

Jan 12th 2:11:05 am

44

Jan 12th 2:11:18 am

What's the answer

Jan 12th 2:11:34 am

44

Jan 12th 2:11:39 am

44

Jan 12th 2:12:07 am

yes

Jan 12th 2:12:12 am

5 times 44 = 220

Jan 12th 2:12:18 am

Yes

Jan 12th 2:12:31 am

I would like to keep helping you, but unfortunately my shift ended 12 minutes ago...

Jan 12th 2:12:56 am

You can request a new tutor...

Jan 12th 2:13:03 am

and finish the problem with them...

Jan 12th 2:13:10 am

I am sorry.

Jan 12th 2:13:19 am

Ok thanks

Jan 12th 2:13:26 am