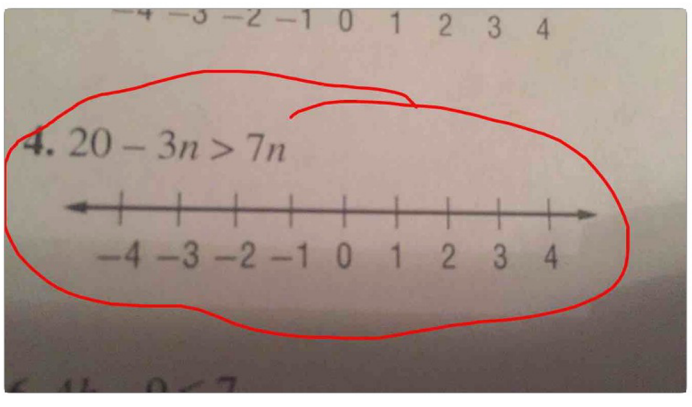


Sep 7th 4:04:22 am

Thanks for signing up Segovia 😀. I'm finding you a tutor now.

Sep 7th 4:04:24 am

I'm here to help you prepare for your tutoring session. You can talk to me by tapping the orange button that appears at the bottom 👇

Sep 7th 4:04:27 am

Hello

Sep 7th 4:04:30 am

BTW, participation is important ✓ Not only will you get your work done faster, but next time you'll be able to solve problems on your own.

Sep 7th 4:04:33 am

TUTOR FOUND, NOW REVIEWING PROBLEM AT NO CHARGE

Sep 7th 4:04:35 am

👍 Okay!

Sep 7th 4:04:40 am

Tutors need to know how much work you've done to help you better... can you 📷 any progress you've made?

Sep 7th 4:04:42 am

SESSION STARTED AT 10:04 PM

Sep 7th 4:04:55 am

Hey Segovia! Welcome to Yup!

Sep 7th 4:05:04 am ✓ ***Greets student by name and welcomes them to Yup***

How are we doing this evening?

Sep 7th 4:05:10 am ✓ ***Builds rapport with warm greeting***

Good, thank you. How are you?

Sep 7th 4:05:26 am

I'm doing well. Thank you for asking!

Sep 7th 4:05:38 am

So, it looks like we need to represent the solution to 20 - 3n > 7n on a number line?

Sep 7th 4:06:04 am ✓ ***A1: Confirm understanding of the student's problem***

Yes

Sep 7th 4:06:24 am

Okay, have you made any progress so far? What are your thoughts on this problem? I am trying to figure out where we should start.

Sep 7th 4:07:22 am ✓ ***A1: Determine the student's progress / starting point***

My teacher did some examples but the examples but not one like this.

Sep 7th 4:08:37 am

Okay, well we can kind of start from scratch then. We are going to represent n on the number line, so wouldn't it make sense to solve for n in our inequality (20 - 3n > 7n)?

Sep 7th 4:09:42 am ✓ ***B2: Explain approach and rational upfront***

Yes, so would you plus 3n to both sides?

Sep 7th 4:10:57 am

So far so good! This will give us what exactly?

Sep 7th 4:11:15 am ✓ ***C3: Positive language / C2: Guiding question***

20>4n n=5

Sep 7th 4:11:51 am

5>n

Sep 7th 4:12:19 am

I think you made a slight mistake... We added 3n to both sides, so what is 7n + 3n?

Sep 7th 4:12:31 am ✓ ***C1: Tutor redirects student's mistake without causing stress***

20>10n n=2 2>n

Sep 7th 4:13:06 am

There you go! Now, looking at the number line... If n is less than 2, what values could we have for n?

Sep 7th 4:13:55 am ✓ ***C3: Expand scope of guiding questions if student is succeeding***

N=1 or under

Sep 7th 4:14:26 am

That is partially true. But, what about n = 1.5?

Sep 7th 4:15:08 am ✓ ***C1: Adapts to student's knowledge gap with follow-up question***

N=1.99 or less

Sep 7th 4:15:35 am

You aren't going to like me right now, but what about N = 1.99999999999?

Sep 7th 4:16:00 am ✓ ***C1: Adapts further with follow-up question***

It's still under 2, therefore it can be N.

Sep 7th 4:16:57 am

Good. So, do you remember how we represent on a number line that a number can get super, super close to 2, but can never equal 2?

Sep 7th 4:17:34 am ✓ ***C3: Encourages student to share existing knowledge***

Hint: It is either a filled in dot, or small circle.

Sep 7th 4:17:52 am

It is a open circle if it can never truly equal the number, but a closed circle if it can equal the number and go above and below it.

Sep 7th 4:20:07 am

Excellent work! So, in our case we will have a ___ circle?

Sep 7th 4:20:35 am ✓ ***C2: Encouraging language / C1: Scaffolded question***

An open circle

Sep 7th 4:20:55 am

Sweet! And then what would the rest of the number line look like? Remember that anything less than 2 can equal N.

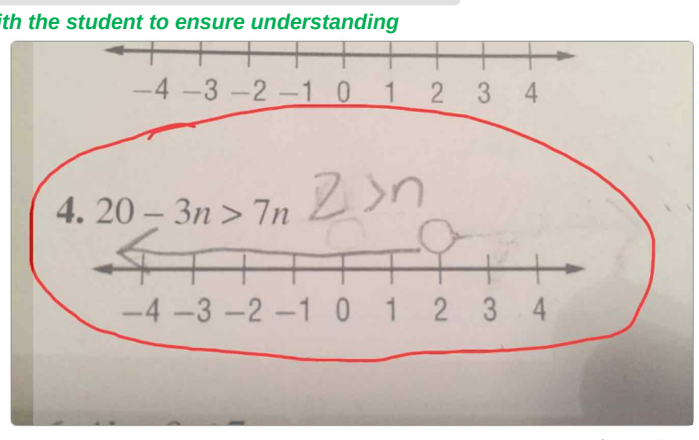
Sep 7th 4:21:25 am ✓ ***C2: Encouraging language / C3: Guiding question***

It would have an open circle and an arrow facing away from the positive numbers.

Sep 7th 4:22:56 am

I think you have the correct answer, but could you send me a picture of what you mean so that I can be sure?

Sep 7th 4:23:38 am ✓ ***C1: Check with the student to ensure understanding***



Sep 7th 4:24:20 am

That is exactly what I have :)

Sep 7th 4:24:38 am ✓ ***C2: Encouraging words***

Very good! Did all of this make sense to you?

Sep 7th 4:24:48 am ✓ ***C1: Check with the student to ensure understanding***

Yes, thank you so much for helping me.

Sep 7th 4:25:11 am

Of course! Do you have any other questions for me?

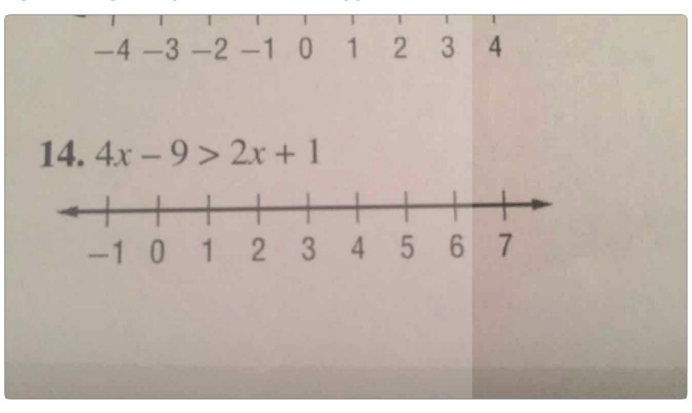
Sep 7th 4:25:24 am ✓ ***(Tutor checks to see if student needs more help)***

I have another problem that I can't figure out, if you don't mind helping me.

Sep 7th 4:26:44 am

I would love to help you! Let's see it :)

Sep 7th 4:26:54 am ✓ ***(Tutor is friendly and eager to provide more help)***



Sep 7th 4:27:20 am

Alright, so this looks kind of similar to the last one. Would you like to give solving for x a try?

Sep 7th 4:27:52 am ✓ ***A1/C3: Encourage student to take the first step***

Would you subtract 2x from both sides

Sep 7th 4:28:38 am

That is the first step! What do we get then?

Sep 7th 4:28:54 am ✓ ***C2: Use of "we" language / C3: Encourage student to proceed indepentently***

We get 2x-9>1. So plus 9 to both sides and then get 2x>10

Sep 7th 4:30:17 am

Good! Now what do we get for x as our final solution?

Sep 7th 4:31:04 am ✓ ***B2: Guide student towards next step***

X>5

Sep 7th 4:31:20 am

Excellent! So, what would our number line look like?

Sep 7th 4:31:57 am ✓ ***B2: Guide student towards next step***

It would be an open circle and an arrow pointing to the positive numbers.

Sep 7th 4:32:39 am

An open circle where exactly?

Sep 7th 4:32:58 am ✓ ***B2: Guide student towards next step***

Over the 5 on the number line.

Sep 7th 4:33:26 am

Oh Yeah! I think you have this stuff down now :)

Sep 7th 4:34:07 am ✓ ***C2: Encouraging words / punctuation***

Thanks for all of your help!

Sep 7th 4:34:34 am

Any time! Thank you for choosing Yup!

Sep 7th 4:34:55 am ✓ ***Tutor thanks student for choosing Yup***

Do you have anymore questions for me?

Sep 7th 4:35:01 am ✓ ***Tutor checks to make sure student doesn't need further help***

Nope I think I'm good :)

Sep 7th 4:35:19 am

Well then, have an excellent rest of your week and come back if you ever need help :)

Sep 7th 4:35:40 am ✓ ***Invite student back, warm send off***

Thank you. I hope you have a great week as well.

Sep 7th 4:36:29 am

Cya!!!

Sep 7th 4:37:19 am

👍

Sep 7th 4:37:31 am