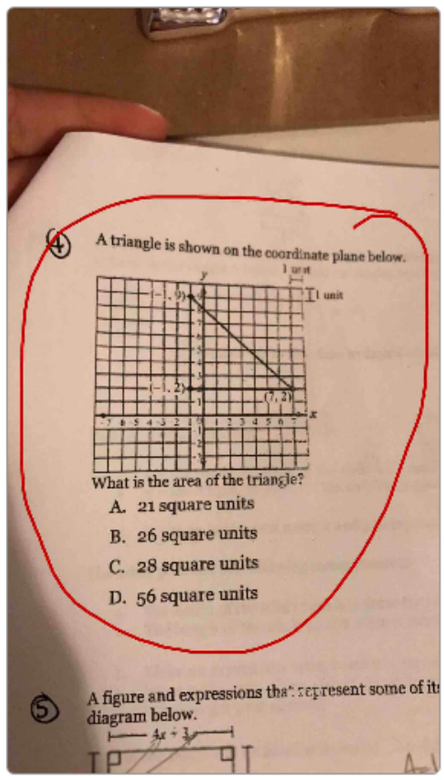


May 1st 8:45:50 pm

Hi! My name is Mr. Bokam and I will be your tutor for this session. How are you?

May 1st 8:46:22 pm ✓ ***Introduction: Introduces himself by last name***

i'm good how are you ?

May 1st 8:46:36 pm

I am good.Thank you for asking!

May 1st 8:46:49 pm ✓ ***Introduction: Builds rapport with warm greeting***

What have you tried so far on this problem?

May 1st 8:46:59 pm ✓ ***A1: Determine progress***

i am completely clueless on this one

May 1st 8:47:12 pm

i'm not sure how to find the area for this kind of problem

May 1st 8:47:26 pm

Not a problem!

May 1st 8:47:34 pm

We will solve this together!

May 1st 8:47:43 pm ✓ ***C2: Reassuring language***

Do you have idea about what would be the area of triangle formula?

May 1st 8:48:08 pm ✓ ***A1: Probe the student's understanding of concepts***

one half • bh

May 1st 8:48:33 pm

Perfect!

May 1st 8:48:39 pm ✓ ***C2: Encouraging language***

What does b and h stands for?

May 1st 8:48:59 pm ✓ *A1: Determine student's level of understanding*

base and height

May 1st 8:49:05 pm

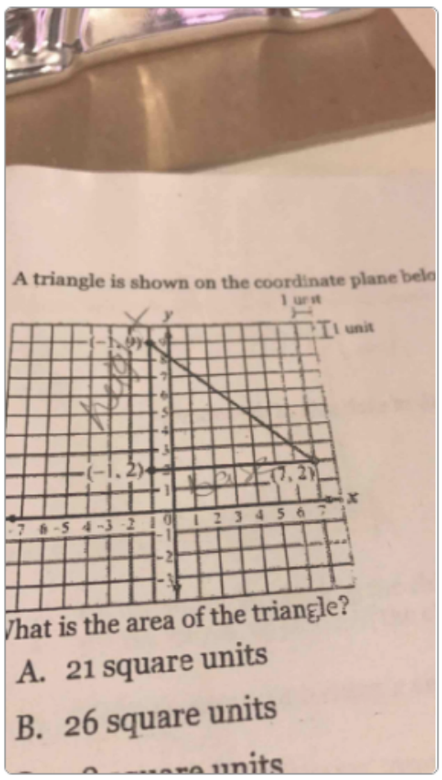
Very good!

May 1st 8:49:15 pm ✓ *C2: Encouraging language*

Now from given coordinate can you try to draw what are base and height stands for?

May 1st 8:49:42 pm ✓ *C3: Encourage student to take the next step / guide student towards next step*

Note: This would be best worded as "...can you try to label the base and height?"



May 1st 8:50:57 pm

Awesome!

May 1st 8:51:14 pm

Now from the given coordinate plane, what do you think would be the length of base b value?

May 1st 8:51:49 pm ✓ *C3: Guiding question*

9?

May 1st 8:52:36 pm

do i just count the square units ?

May 1st 8:52:45 pm

Can you please share your work for that?

May 1st 8:53:10 pm ✓ *C3: Ask student to justify their thought process*

i'm not really sure how to find it

May 1st 8:53:44 pm

Not a problem!

May 1st 8:53:58 pm ✓ *C2: Reassuring language*

Let me explain

May 1st 8:54:02 pm ✓ *C1: Adapts explanation to student's confusion*

okay

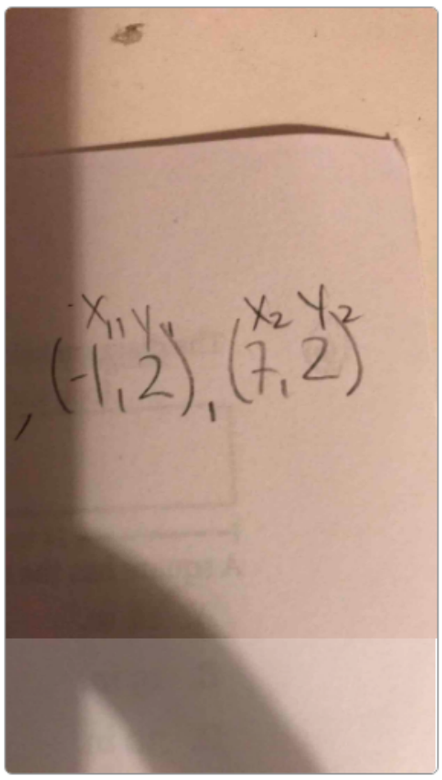
May 1st 8:54:09 pm

To find the length of a horizontal line segment, find the difference between the x-coordinates. Subtract the smaller from the larger.

May 1st 8:54:20 pm ✓ *B2: Break down underlying concept/C1: Adapt to student's knowledge gap*

Do you understand this step?

May 1st 8:54:28 pm ✓ *C1: Check with the student to ensure understanding*



May 1st 8:55:48 pm

subtract those two x's ?

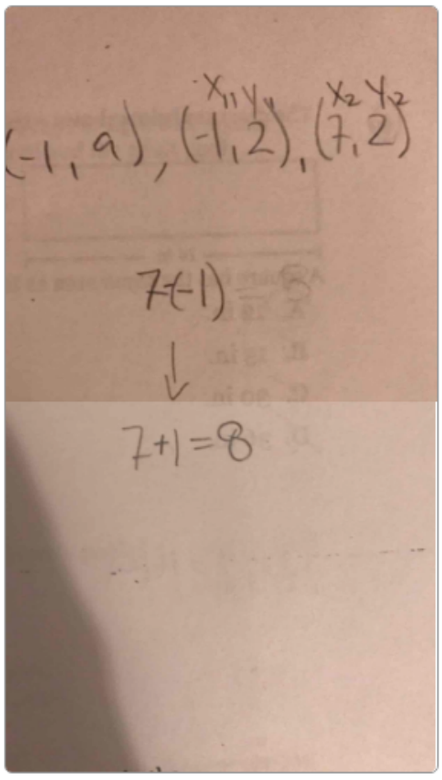
May 1st 8:55:59 pm

Yes!

May 1st 8:56:11 pm ✓ *C2: Positive language*

Please try and share your work

May 1st 8:56:20 pm ✓ *C3: Encourage student to take step independently*



May 1st 8:57:52 pm

That's correct! Nice work :)

May 1st 8:58:06 pm ✓ *C2: Encouraging words / punctuation*

So what is base b value from that?

May 1st 8:58:15 pm ✓ *C3: Open guiding question*

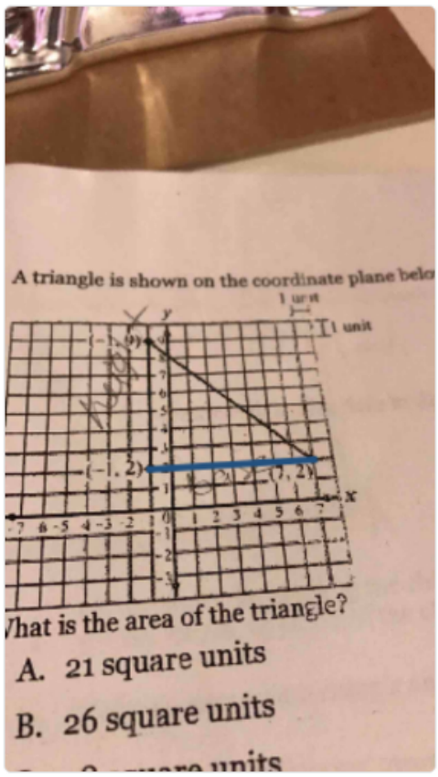
Note: This would be best worded as "So what is the value of..."

could you rephrase that ? what's base b ?

May 1st 8:59:02 pm

Base b is nothing but length of that horizontal line

May 1st 8:59:37 pm ✓ *C1: Adapts to student's confusion*



May 1st 8:59:57 pm ✓ *C1/B2: Whiteboard image to supplement explanation*

So what have you got for base b value?

May 1st 9:00:19 pm ✓ *C3: Invite student input*

so 8

May 1st 9:00:31 pm

That's correct!

May 1st 9:00:38 pm

Good!

May 1st 9:00:40 pm ✓ *C2: Positive language*

Now can you try to find height of triangle?

May 1st 9:00:53 pm ✓ *C3: Expand scope of guiding questions if student is succeeding*

Are you trying?

May 1st 9:03:52 pm ✓ *C1: Check with the student*

yes

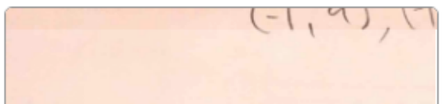
May 1st 9:03:58 pm

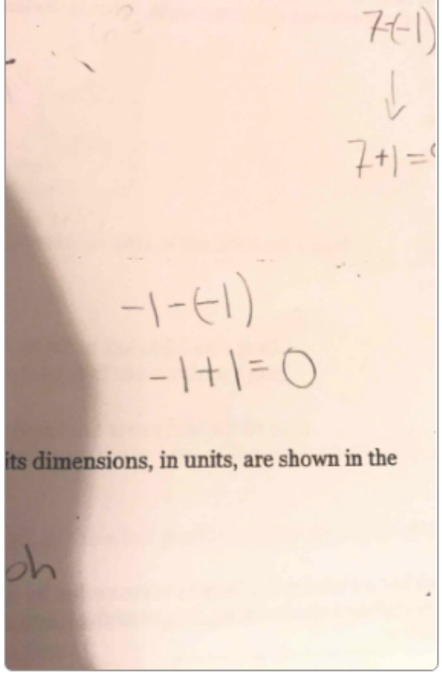
Good!

May 1st 9:04:10 pm

Please try and share your work

May 1st 9:04:19 pm





May 1st 9:07:28 pm

Not quite!

May 1st 9:07:39 pm

But good try though!

May 1st 9:07:47 pm ✓ *C2: Acknowledge student's mistake without causing stress*

The only mistake is here we are trying to find the length of vertical line, right?

May 1st 9:08:08 pm ✓ *C1: Tutor redirects student's mistake without causing stress*

so i do y?

May 1st 9:08:38 pm

That's correct!

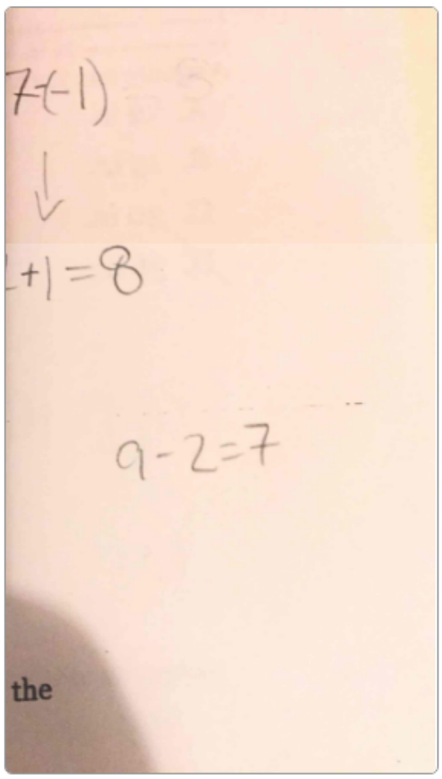
May 1st 9:08:47 pm

To find the length of a vertical line segment, find the difference between the y-coordinates. Subtract the smaller from the larger

May 1st 9:08:49 pm ✓ *C1: Adapts explanation to student's confusion*

Please go ahead and share your work

May 1st 9:08:58 pm



May 1st 9:10:41 pm

Woohoo! You are right :)

May 1st 9:10:55 pm ✓ ***C2: Positive language***

Now we have base b and height h values

May 1st 9:11:09 pm

What do you think will be area of triangle from those values?

May 1st 9:11:37 pm ✓ ***C3: Open guiding question***

well i know that 8•7 is 56 so i would just have to multiply that by one half

May 1st 9:12:45 pm

That's correct!

May 1st 9:12:58 pm ✓ ***C2: Positive language***

As you have mentioned formula is : 1/2 bh

May 1st 9:13:18 pm

So what would be area of triangle from that?

May 1st 9:13:30 pm ✓ ***C3: Invite student to proceed independently***

28 square units

May 1st 9:14:22 pm

Excellent!

May 1st 9:14:32 pm

Awesome job :)

May 1st 9:14:45 pm ✓ ***C2: Encouraging words / punctuation***

Is that clear now?

May 1st 9:14:50 pm ✓ ***C1: Check with the student to ensure understanding***

yes thankyou so much

May 1st 9:14:56 pm

You're most welcome!

May 1st 9:15:08 pm ✓ ***Conclusion: Warm send off***

Student ended session

May 1st 9:15:17 pm