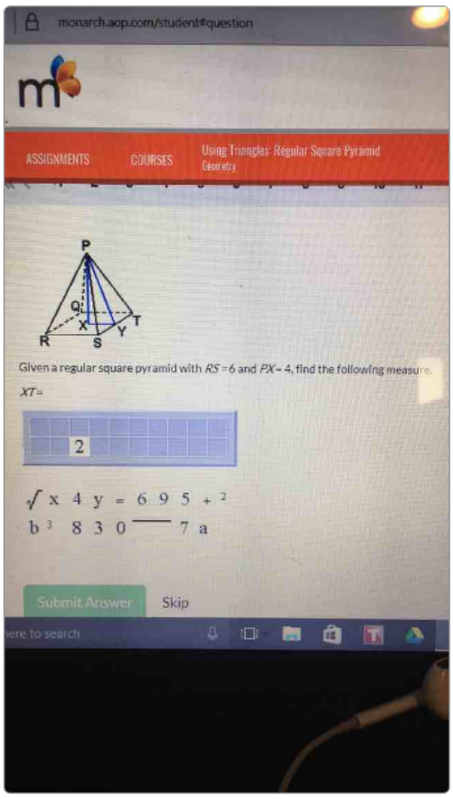


May 7th 8:24:05 pm

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

May 7th 8:25:15 pm ✓ ***Introduction: Builds rapport with warm greeting***

Hello! I'm good, how are you?

May 7th 8:25:26 pm

I'm good too, thanks for asking. :D

May 7th 8:25:39 pm

I'll just go over the problem one sec, okay?

May 7th 8:25:50 pm ✓ ***A1: Confirm understanding of the student's problem***

Okay :)

May 7th 8:25:56 pm

This looks like an interesting problem. Let's work together to solve it quickly :) Are you ready to begin now?

May 7th 8:26:45 pm

Yes :)

May 7th 8:26:55 pm

Great! So where are you stuck?

May 7th 8:27:09 pm ✓ ***A1: Determine starting point***

I'm not really sure how to begin this problem, sorry

May 7th 8:27:27 pm

Don't worry, I'm here to guide you. :)

May 7th 8:27:47 pm ✓ ***C2: Reassuring language***

Hmmm so if RS = 6 and the base is a square, what can you say about the measurement of ST, TQ, and RQ?

May 7th 8:28:38 pm ✓ ***A1: Probe the student's understanding of concepts***

ST, TQ, and RQ all equal 6?

May 7th 8:29:15 pm

Correct! :)

May 7th 8:29:24 pm ✓ *C2: Positive language*

and where is X located on the square base?

May 7th 8:29:51 pm ✓ *C3: Guiding question*

In the middle

May 7th 8:30:01 pm

Correct again! :)

May 7th 8:30:13 pm

So now, can you draw the top view of the square base, with labels?

May 7th 8:30:35 pm ✓ *C3: Invite student input*

Should I draw it and send it to you?

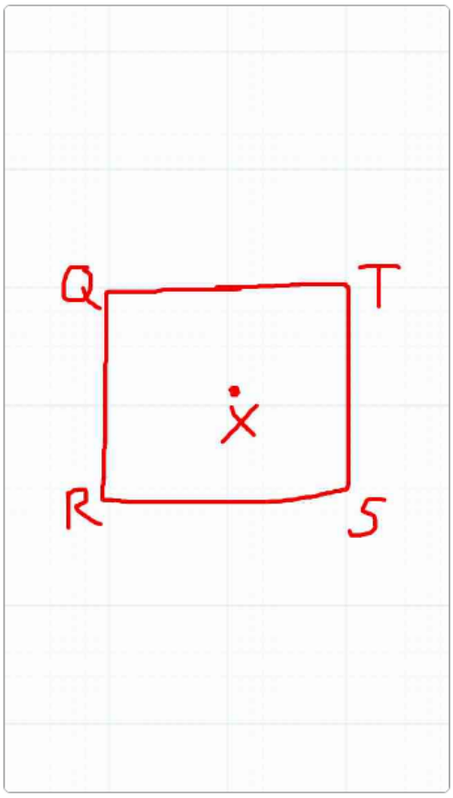
May 7th 8:31:15 pm

Yep. :)

May 7th 8:31:26 pm

Ok :)

May 7th 8:31:31 pm



May 7th 8:32:44 pm

You're learning quickly!

May 7th 8:32:57 pm ✓ *C2: Reassuring language*

So what we are looking for is XT right?

May 7th 8:33:23 pm

Yes :)

May 7th 8:33:36 pm

Do you know the Pythagorean Theorem?

May 7th 8:33:48 pm ✓ *C3: Encourages student to share existing knowledge*

Yes, the Pythagorean Theorem states that in a right triangle, the sum of the squares of the lengths of the legs is equal to the square of the length of the hypotenuse

May 7th 8:35:22 pm

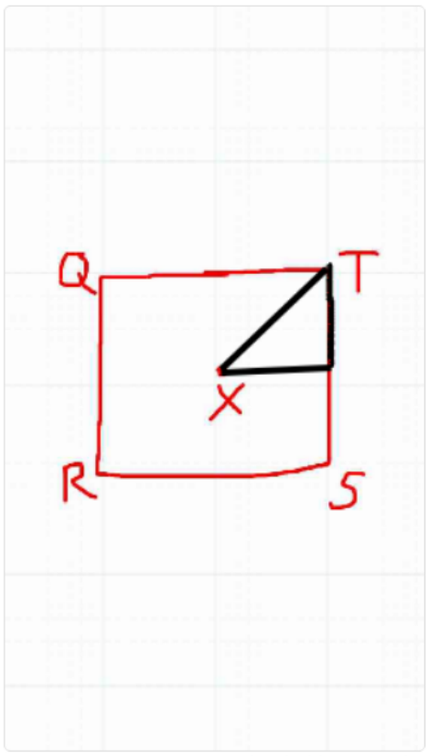
Wow, that is a complete definition! :D Nice job.

✓ *C2: Positive language*

May 7th 8:36:01 pm

Thanks!

May 7th 8:36:08 pm



May 7th 8:36:07 pm ✓ ***B2: Uploaded image to help the student visualize the problem and follow along***

Do you think you can correctly label the sides of the triangle here?

May 7th 8:36:21 pm ✓ ***B2/C3: Guides student towards the next step***

(of course, XT is still unknown :))

May 7th 8:36:35 pm ✓ ***B2: Clarifies step further***

Yes

May 7th 8:36:44 pm

What are the length of the sides?

May 7th 8:36:58 pm ✓ ***C3: Invite student input***

The bottom right corner of the triangle is Y, correct?

May 7th 8:37:59 pm

Yes. :)

May 7th 8:38:11 pm

So XY would be 3 since RS is 6?

May 7th 8:38:32 pm

Exactly! And YT would be?

May 7th 8:38:46 pm ✓ ***C3: Guiding question***

3

May 7th 8:39:08 pm

Nice! Now that we have the length of the sides, do you think you can apply the Pythagorean Theorem to solve for XT?

May 7th 8:39:37 pm ✓ ***C3: Open guding question***

Yes, so it would be 3 squared + 3 squared = the hypotenuse squared

May 7th 8:40:13 pm

so 18 square

May 7th 8:40:22 pm

*squared

May 7th 8:40:25 pm

3 squared + 3 squared = the hypotenuse squared is correct, but 18 squared is not. Can you try again?

May 7th 8:40:54 pm ✓ ***C1: Tutor redirects student's mistake without causing stress***

I think you got this already. :D

May 7th 8:41:15 pm ✓ ***C2: Reassuring language***

I'm sorry- I meant the square root of 18, which is 3 square root of 2 :)

May 7th 8:41:43 pm

That's correct! Nice work :)

May 7th 8:41:55 pm

Nice job, Jessica. You did well!

May 7th 8:42:19 pm ✓ ***C2: Motivates student with encouraging language***

Thank you so much for your help! :)

May 7th 8:42:33 pm

Do you have any questions on how we answered this?

May 7th 8:42:35 pm ✓ ***C1: Check with the student to ensure understanding***

No problem!

May 7th 8:42:38 pm

Nope, thanks again :)

May 7th 8:42:48 pm

You actually solved this with minimal help. :)

May 7th 8:42:52 pm ✓ ***C2: Encouraging words***

Great! Do you have any other problems you'd like for us to solve?

May 7th 8:43:05 pm ✓ ***Tutor checks to see if student needs more help***

I think I was just caught up on what steps to take, but now everything has been cleared up! And that's it :)

May 7th 8:43:30 pm

Yeah I thought so too!

May 7th 8:44:01 pm

So are you good for now?

May 7th 8:44:10 pm ✓ ***Tutor checks to make sure student doesn't need further help***

Yes

May 7th 8:44:15 pm

Okay, thanks for using Yup!

May 7th 8:44:23 pm ✓ ***Conclusion: Tutor thanks student for using Yup***

Have a good day!

May 7th 8:44:29 pm

and have a great day. :)

May 7th 8:44:29 pm ✓ ***Conclusion: Warm send off***

Student ended session

May 7th 8:44:33 pm