Series my name is Sarah. To see the pictures they want to be discussing various options such as coordinates of a point. For you. Straight lines are various options to those selected for science fiction. Right? 2nd. And then claims. That's all it's. So. You have to say. The brains. What? 1/6 process. They get. 245

So to answer this question, you first put this.

So significant problems. For the boys.

So we have studied this in the previous class,

So for one. Foreign. Yes. Saved it's given by by this 2nd 1 / 4 - 4. That's why I just negative 2 / 5 minus. He said by this. Like why?

So let's see quick. For the first one, let me go in this for the second one. And right now what we get from here?

So first you send their tax is equal to two times Lambda plus one from the 2nd. We will send the tax is equal to five X - 1. Similarly for why we get that. Why is negative 300? 75 You said this laptop has three. Is like you. OK,

So that's. Gracious. And that's all. Of these so. Second and third equation.

So the second third seems the most.

So if we add this we get. Five is equal to times.

So they. Or something? OK,

So once we have,

So that's all that you can calculate. They did. Divided. Otherwise they get it.

So that's that's our. That's right,

So they have viewers. And then what do we do? We have only in this form equations 2 and three,

So we substitute these values in equation one and see if it's.

So for graded one, let's just. Right? Just.

So that's five. Which is 5 days.

So clearly. And that tells us that

So thus. Not satisfied. His mother.

So let's go.

So let the symmetric forms. Explain. Export what is.

So we've already seen the procedure in the in the first part.

So let's. Close to 20. Create the first set of equations to Lambda and 2nd set of equations and from there you write down the values of XY&Z.

So let's directly to that. So.

So we're going to access two types. Why three times? Say this. And then you feel the most comfortable in solving,

So let's say. Subtracting. For posting. Learning reason. To do that you get quality this equal to minus 3. And now you're substitute. This gives again, sorry.

So remember, you have to use one of the two equations you already used,

So I did the first one.

So you get that. Four games.

So that's 4/4. And then let's see if this satisfies the 2nd.

So let's recall the second equation.

So that you can. Season colleges

So therefore. The lights.

So this solves the question we're asked, but we can actually even find the point of intersection.

So the point of intersection. To find the point of intersection, you substitute. Tell me what? Wait

So I am sick. 40%. Intersect. So. Of course, all this was in the case where we had a symmetric. Cementing basically take over what happens and tell you.

So suppose now that. 1st. This. Yes. For the second line. Right? If you want. Please.

So in that case we can read off the coordinates in both cases.

So similar to the previous case. For. And then we follow. Find. And I'm seeing. OK. Because we believe. To see what you. Quiet. Right? Yes. Then you substitute. Sorry. Something. You have to say.

So let's try to solve this question. First of all, just the right document forms of. What? What is equal to? 5 + 2. Dreams. Still to this. Games. Cautious. Later. Few times sorry. Yes.

So let's give your equations.

So example efficient. I want to say. Why is the way we stand? Yes. That's it is. Proposal

software 6. I know.
So let's just. OK. OK,
So this is an example of how. Looks like the same problem because the lines that you wanted over there.
So now let's let's. That's what we know. How to take a full length and space? That's what we just yeah. How do you take it there?
So this is exactly that.
So if they are packed. And caught. Proposal in other words. For direction versus this for. Friendly. I don't believe this. Let's say you're like. 6. 2. Like this one. Sport.
So what are the direction ratios of these lines
So they work? Who has direct? The reason? And these two are proportional to each other. 1st. So.
So let's ask the same question in the case. Let's go. Let's say. As well as. I perceive things. And it goes here. A few things. What? How do you know that? The last remember that these are lights. Perspective. This is what the. Purpose. And of course these are not. Those numbers are not proportional to each. That's what these lines are called. 2nd. How protecting so? Now we know. Do you know how to check? We don't. I suppose there might.
So the.
So then. You know it takes too much, because if they're either.
So you take. Most times I think.
So now let's go on to finding distances. So. Before you go to place. The point of life for yourself. So. Perpendicular to this. PS4.
So then the distance Q is going to be the shortest distance. Space. Probably many different. Presents.
So suppose now has a symmetric form.
So then. What are the coordinates of? Two of us for the games. Keep quiet. Thank you for something.
So really we have to find that. Forward the point is and then we can find the distance. But we know something.
So let's look at the light. Joining these two points on that.
So we can find out direction. But then there's something extra we know that. It's open together. Does that. Relationship between. Official. Do you think? Who are you?
So remember. Additional. This is Hussein of the article. That's how we had this question,
So we. Getting all the notes. Square squared. Approach. And then once we know we can find the project. You can find the distance between. Great. The shortest. That's. So. Select this. So. Perpendicular lines.
So we know that that. The coordinates of was. Select the visuals. What are you writing? Google.com. Well, you also know what the direction ratios for the line,
So that gives us the relation because. Particularly. Plus one babes three times. And now we.
So we get 4/4. 6. That gives us. Thanks. And once you know Landau. We can find out the coordinates of. The school. Fast forward. 566 and once we go. You can find the distance. That's exactly the distance. Close. Example.
So similar to your home. Is 2. You can write down the coordinates. Close. Or something?
So therefore. Like that, thinking. Search it's just. That's correct. You want to stay. Since peace. Perpendicular I want to see that this equation you solve it with my laptop 652.
So you.
So I said. Like this? The. Select
So let's just think.
So that means. This. So. Sorry. Services yes. Yes. And you know that. Yes. The dot product is 0. Yes. Close.
So you feel. That will give you.
So once you know. But in this case you need to find you again and then. You already know that. That's how you work. And notice again in this case that we can also find. Thank you. People that. When people.
So that tells us how to fight this on this distance. Good morning. Let's go on. It's all just steps. Real battle. Well, you have already studied that there are three types of this intersecting lines. Is it the sequence? The system between the.
So we don't believe this.

So let's look at the next piece.
So you may have already seen this in the case of. Yeah.
So suppose. It's more than that. Take a point on this network. Kind of easier to see that all these perpendiculars are the same, right?
So it doesn't really matter which point.
So it's. Select that's something we don't want to do because they just studied how to find themselves between the points and
So we know how to find that. I want to speak to anyone. What do you observe is it doesn't matter which point you choose, all these points are the same distance from. Brains. To sort this. Systems
So much.
So now you have choose any point on the network and find its distance.
So let's go.
So suppose. She purchased 30 students.
So the coordinate. So. For the sports. Points. Select
So that means. You must be on the phone. Simple. Do.
So to graduate that. For the second. The six. Plus 6.
So that tells us that. 17 this back. Yes. This.
So then. Falling off the point. And let's say. For 20%. OK,
So then. To do that? You can multiply and divide.
So that expression is exactly.
So in today's talk. We started by looking at pairs of lines. We checked when lines are skew or intersecting.
So he does the procedures. After that it looked at how to calculate the distance of a point. You said to check. The distance between.