

PATTY FERRANT: Why again is it Plan A?

STUDENT: Because it's closer to the origin.

PATTY FERRANT: I don't understand what it means it's closer to the origin. So, we're using the strategy. So, interesting. Look up here. Using the strategy, I don't know what you mean its loser to the origin. So, what's the strategy that students used? What do you see? Alex, this is what you started with and this is the strategy I saw the students used, so how does the strategy help you figure. Figure out which is, I asked the least expensive. Talk to your partner again. You guys... The group back there needs to help him out. Need to help him out. You guys got to help him out. Start talking to him. You got to help him out. Let's go. Okay, sit up, lean forward, talk to your partners.

STUDENT: Because point A is closer to the origin.

STUDENT: Well how do you know? Jacob, how do you know?

STUDENT: Know what? Because point A is closer to the origin.

STUDENT: Well how do you know? Jacob, how do you know?

STUDENT: Know what?

STUDENT: That...Plan A is the least expensive plan.

STUDENT: Because it's more to the left on the x-axis. From the point to the x-axis or when you draw a horizontal line, no, the vertical.

PATTY FERRANT: How do we know that using the strategy? What did most of the people in this classroom do?

STUDENT: Horizontal line.

PATTY FERRANT: So, the horizontal line. So, the horizontal line is telling us it's closer to the origin on the x-axis. How?

STUDENT: Vertical line.

PATTY FERRANT: I don't know, you, now you told me two answers. Am I supposed to choose one? What do you think?

STUDENT: Vertical.

PATTY FERRANT: So, the vertical line. Explain it then. How does the vertical line help you know that it's closest to the origin on the x-axis? Talk to your group again. Help your partner out you guys.

STUDENT: it's because it's more to the left. More to the negative side of the...

STUDENT: Yeah, it's closest to the origin at least.

STUDENT: If it's closer to the origin it means the smaller the number is. The smaller the number is for the monthly cost the least expensive it is.

STUDENT: If we're talking about, let's say if we're talking about the x-axis, you would always draw a vertical line to see what's closer. And if we're talking about the y-axis we would always draw a horizontal line. Because it show it's higher at the y and shorter at the x.

PATTY FERRANT: I'm waiting, I'm waiting, talk please.

STUDENT: You could also tell the horizontal line because of how long or short it is.

PATTY FERRANT: It sure looked like people knew what they were doing on this, but maybe that last five minutes when I let you talk to a partner, some of you just chose to copy from your partner and not truly understand. So now I'm debating, "hm, should I let you use your partner during an assessment?"