

00:00 You ready?

00:02 So. I want to say two things to you to get us started today.

00:06 The first is that I loved, yesterday, how much you guys were trying to figure out all the little puzzles on the page.

00:16 So, I know that some of them were frustrating to figure out, but you guys figured them out.

00:21 And you started to put together the work that you need to know for the big idea in this unit.

00:28 So let me tell you a little bit about that, so that when you find the big idea in the unit, you'll say "Oh! That's what he was talking about."

00:35 Okay? So. Here's what you guys know already.

00:41 Alejandro, are you with me?

00:43 You guys know so much about lines, that I can give you an equation and you know how to make an A+ sketch.

00:49 You don't have to make a T-table anymore, you don't have to do all the things that you used to do way back in Algebra A,

00:55 Because you have some strategies and shortcuts, right?

00:58 And so in this unit, you're going to be in the same place, but with parabolas.

01:02 So before we start, what about for a line? Like if I give you a strange equation for a line, or a not-so-strange equation for a line,

01:10 What strategies do you know that help you make a quick sketch? Like what do you use?

01:15 What do you use, Eduardo?

01:16 Rise over run?

01:17 Excellent. And what's that for?

01:19 To get, to get the points, right?

01:21 What do you mean?

01:23 Like, the points on the line.

01:24 How? Like, what is rise over run?

01:26 Slope.

01:27 Yeah. Eduardo, is that all? Do you just use slope?

01:30 No.

01:31 What else?

01:32 b.

01:33 Uh huh.

01:34 Which is the y-intercept. I mean--- yeah. Y-intercept.

01:39 What else do you use?

01:41 ¿Por que?

For what?

01:43 So, to make a quick sketch of a line, Gerardo, besides using slope and b, what else do you use?

01:51 You were saying something, Maria?

01:53 x-intercept?

01:54 Uh huh. Just the x-intercept?

01:56 And the ...

01:58 For a line?

02:00 Yeah, but what do you use for the... a line?

02:04 The x-intercept?

02:05 Just the x-intercept?

02:07 What?

02:09 Yeah! Not just the x, but the x and y-intercepts.

02:15 Is there anything else you use?

02:20 Besides your pads. Okay, so you guys are right, these are the two main strategies that we've been using.

02:28 And hopefully you can imagine, "Oh, I know, if an equation looks like blah blah, I can use the purple strategy that Eduardo said,

02:35 If the equation looks like this, I'd use Maria and Edgar's strategy. After today you will know, I hope, how to fill this in for a parabola. All

right?

02:45 It sounds like Maria has some ideas already. Okay?

02:47 All right, so. Here's what I need you to do.

02:49 First of all, check in with each other about where you are on the sheet. So, facilitators, who are you again?

02:56 Zoriel is gone, that means Leticia, Melina, Ismael, Luis, and Ana. Can you please make sure that everyone in your team knows what question you're on,

03:06 So, like, "You guys, are we on 2c, or 2f?" Like that.

03:13 Remember that I need you to call me over when you're done with number 2.

03:18 And the last thing I want to say to you is, can I borrow your paper, Alfonso?

03:23 Your job is to make sure that you understand question 5. So we have 90 minutes today. I don't think you'll need that long.

03:34 90 minutes. Como siempre.

90 minutes, like always.

03:37 Um, before that time? You need to make sure that everyone in your team understands what to do on question 5.

03:45 And to help you do that, I made up four different equations so that you can split them up among your team, try out your ideas for yourself,

03:54 And then call me over at the end so I can give you your A+'s. Okay?

03:58 Okay? Resource managers, call me over when you're ready for me to check your number 2, and also if your team has any questions. All right?

04:06 Okay? Okay, get us started, you guys.