

ANTOINETTE VILLARIN: All right, so today in class, I'm excited -- we are gonna start to look at coordinate geometry, okay. And today you're gonna be given a task where you're solving a problem on a coordinate plane, okay. And that's where coordinate geometry takes place -- [inaudible] let's put the book away, okay, yeah. So, the problem you'll be solving, you'll be placing on a coordinate plane, and that's pretty much what coordinate geometry is. We're gonna be taking shapes that you guys have been kind of loosely placing on your binder paper and thinking in space, and we're gonna place it on a coordinate plane, okay? We're gonna see what you know about what happens when you do that, okay?

Today we're gonna start with a Three Read, and the problem that we're gonna work on is called "Whitebeard's Treasure," okay? And just like we normally do with Three Reads, the first time I read it you're gonna think what it's about, the second time I read it you're gonna jot down some quantities, those are numbers with labels that you hear, and then the third time you're gonna think of math questions, okay? Now in front of you, in your trays, are pieces of paper. I'd like you to take one that says "Whitebeard's Treasure" and you'll see a space for you to actually write notes for the first read, notes for the second read, and then notes for the third read, okay? So, using your pencil, I'd like you to have that out.

All right, are we ready? Okay. Is there anyone that still needs to take a paper? Yuta, do you have a paper in front of you? From the tray? All right, thank you. Okay.

All right so first read, here we go, listen carefully. "Whitebeard's Treasure. Whitebeard, the notorious pirate of the West Bay, buried treasure on Tiki Island over 200 years ago. Archaeologists recently discovered a map showing the location of the treasure. The location has generated quite a bit of media attention, much to the dismay of the archaeologists. In order to allow both the media and the archaeologists to work together, officials have decided to erect two fences around the location. One fence encloses the actual area where the archaeologists will work. Another fence surrounds the enclosed dig area, allowing media access to the sites." Okay, so for the first read, just in that first read box, just tell me what it's about. Okay, without telling me any quantities, what, so far, is this about? The first time you heard this story. Would anyone like to share? Logan?

STUDENT: Uh, basically, this guy named Whitebeard buried some treasure on some island, and recently archaeologists found a map, but a bunch of people wanna go find the treasure for themselves, so now, like, the archaeologists can't go dig, so they need fences.

ANTOINETTE VILLARIN: They need fences, okay. All right, perfect, okay. Anyone wanna add to what Logan said? Izzy?

STUDENT: There's two fences, one where they dig and one around, um, I forgot where the second fence was.

ANTOINETTE VILLARIN: The archaeology site? Yeah, the archaeology site, okay. Perfect. Two fences. Okay, I'm gonna read it a second time. This time in the second box, I'd like you to jot down some numbers and quantities, numbers with labels that you think are important, okay?

"Whitebeard, the notorious pirate of the West, buried treasure on Tiki Island over 200 years ago. Archaeologists recently discovered a map showing the location of the treasure. The location has generated quite a bit of media attention, much to the dismay of the archaeologists. In order to allow both the media and the archaeologists to work together, officials have decided to erect two fences around the location. One fence encloses the actual area where the archaeologists will work. Another fence surrounds the enclosed dig area, allowing media access to the site."

Go ahead and jot down some quantities that you heard me say in the story prompt. All right, turn and talk to your partner, the partner that you've been working with, and I'd like you to tell your partner some numbers that you heard me say, some quantities that you heard me say, out loud.

[background talking]

STUDENT: Okay, generally, all I heard was two fences.

STUDENT: Two fences, yeah, that was basically it.

STUDENT: Yeah, there's no ...

STUDENT: And then I heard that one goes to the archaeologist's area, like where they're gonna be working, and one is for like, I guess the hole surrounding the dig site that like, the media can access, and shoot some pictures. And I mean, the only other number I have is "200 years ago."

STUDENT: 200 years but that has really nothing to do with ...

STUDENT: That's not really relevant.

STUDENT: Yeah.

ANTOINETTE VILLARIN: One, zero, okay. All right, what numbers or quantities popped out as I read the second time? Niki?

STUDENT: Two, 'cause two fences.

ANTOINETTE VILLARIN: Two fences, okay. Anything else pop up? Yuta?

STUDENT: 200 years ago.

ANTOINETTE VILLARIN: 200 years ago, okay. Any other numbers that popped up? No? Okay. Sebastien?

STUDENT: One fence around the archaeologists and then one fence around the dig site.

ANTOINETTE VILLARIN: One fence around the archaeology site and then one fence kind of around it, where the media goes, okay.