



## 4.2 Video 1: Elise and Fin Engaging with Desmos' Avi and Benita's Repair Shop Task Transcript



[Video 1: Elise and Fin Engaging with Desmos' Avi and Benita's Repair Shop Task](#)

### Transcript:

Elise: So basically

Fin: ...because it makes it a little easier to

Fin: graph as a show.

**[Student begins typing a response that says "Benita has a starting price that" then the student erases all words except Benita.]**

Fin: I did the math.

Fin: Well, should I figure out how much they pay on day 20?

Fin: I'll do that real quick just to see.

Elise: Benita will probably pay around 2000.

Finn And Elise: Yeah.

Elise: Then Avi, that's a lot of work. Hold up.

Fin: So we take the 512 from day 10

Fin: by two.

Elise: I think you can just multiply it by 10, right?

Fin: Oh yeah, I probably could.

Fin: So 51 point 20.

Fin: 51 dollars and 20 cents.

Fin: They would definitely go with Benita here.

Fin: Benita has given us 2000.

Fin: Avi is being a little bit cheap.

Elise: I think even if we were doing it wrong there

Elise: Benita would still be paying more.

**[Student begins typing "Benita's rule has" then they erase the word has.]**

Elise: I wonder if they ever cross though.

Elise: I don't think so.

Fin: I don't think they ever do

Fin: except for like, at zero.

Elise: The thing, you know, Benita has

Elise: a higher like starting rate.

Elise: But also it has a steeper slope.

Elise: So I don't think they would ever cross.

**[The video is sped up and shows student typing "Benita's rule gives us 2000 dollars. Avi's rule gives us 51.20 dollars. Furthermore, Benita's line increases in y-level while Avi's line does not." Then student edits the second sentence to be "Furthermore, Benita's line increases more in y-level than Avi's does." Student then types this additional sentence "The y-level is the payment in dollars, so a bigger increase equals more money."]**