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LabPhysics_IS5_20151012_Seg20.pdf

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Setting: This is taking place in Physics lab. The two students are asking for help on a problem.

Participants: IS5 (female, middle glasses), S1 (female, grey sweater), S2 (female, red/blue sweater)

INT IS5: (you did this?)
INT ((points to the paper))
Xxx S1: yea we have a problem.
Xxx ((IS5 stares at the paper for a bit))
Xxx S2: ((unclear))
Xxx ((brings another piece of paper over))
Xxx S1: is this-
Xxx never mind you have the question.
Xxx no no no t[this one. ((brings another paper))
Xxx S2: [((unclear))
Xxx S1: yea so ((shrugs, smiles while looking at IS5))
Xxx S1: why is it not ((unclear))?
INT IS5: what is-
Xxx S1: this one right?
INT IS5: ((grabs S1's pencil))
Xxx this is 5?
Xxx S1: yea
Xxx IS5: ((she begins to do the problem for the students and talks as she does the problem))
Xxx minus 1 plus 0.2 ((unclear))
Xxx 0 / ((unclear)) minus 1.0
Xxx ((unclear)) 3?
Xxx S1: mhm
Xxx IS5: minus 0.555 minus .02
Xxx one
Xxx seven ((looks at S1))
Xxx right?
Xxx S1: mhm
Xxx IS5: so
Xxx (minus in not in the region) (.3)
Xxx ((looks at S1 who stares at the paper))
Xxx minus 1 doesn't belong to the region of- (.)
Xxx 6 thousand 6 hundred.
Xxx S2: ((moves a bit))
Xxx S1: (.) oh that's awkward.

Xxx ok ((smiles))
Xxx and what about this one?
Xxx what- what is this (out of?)
Xxx this is units I know.
Xxx ((IS5 nods))
Xxx this is five points?
xxx and this is ten points?
Xxx IS5: yes
Xxx ((s2 starts looking at another piece of paper))
Xxx S1: so what happened here?
Xxx ((IS5 takes piece of paper from S2 and looks))
Xxx cause we both have diff-
Xxx ((unclear)) <I don't know why>.
Xxx ((mumbles [something]))
Xxx IS5: [okay right here
Xxx we ((unclear)) the g-
Xxx the- the- the-
Xxx acceleration.=
Xxx S1: =mhm
Xxx IS5: you ((unclear)) and I- I- ((unclear)) this one
Xxx S1: [we have-
Xxx IS5: [we have a equals to M G over small M right?
Xxx ((IS5 is writing something down
Xxx she glances atS2))
Xxx (you put) 9.81 to get A (.)
xxx and THEN ((glances at s2))
Xxx S1: you don't even have[the same letter
Xxx IS5: ((in loud voice)) [and then
Xxx ((unclear you assume metal in the reverse?))
Xxx of course you have to be- has to be
Xxx 9 48. ((glances at s1))
Xxx ((looks back at S2))
Xxx I want you to get experimental value. ((unclear))
Xxx you need to input this-
Xxx the A you get experimentally,
Xxx S1: oh this one ((points)) you want me to input-
Xxx IS5: yea input.
Xxx inputs [one here
Xxx S1: [fudge
Xxx IS5: (to get the ((unclear)) here)
Xxx S1: so this is the wrong one=

Xxx IS5: yea
Xxx this is obviously gonna be that=
Xxx IS5: =yea obviously
Xxx you-
Xxx S1: because you use the [((unclear))
Xxx IS5: [yea tha[t's it
Xxx S1: [got it
Xxx IS5: and if you don't get (9.8)
Xxx it will be something wrong.
Xxx right?=
Xxx S1: =yea
Xxx IS5: so this is the problem-
Xxx ((starts to leave))
Xxx S1: so we have to use this one.
Xxx IS5: ((steps back)) yes
Xxx S1: ok
Xxx IS5: ((moves away again))
Xxx S1: thank you
Xxx IS5: ((whispers as she walks away)) you're welcome