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LabPhysics_IS5_20151116_Seg50.pdf

Recommended Citation

Setting: physics lab
Participants: IS5 (female, black sweater), S1 (female, in green), S2 (female, in pink)

Xxx S1:   are we doing 1 1 1 1=
Xxx IS5:   =yes ((unclear)).
Xxx S1:   yes
Xxx   so the number comes out ((unclear)).
Xxx IS5:   for which.
Xxx S1:   this
Xxx   (well)
Xxx IS5:   because the uncertainty-
Xxx S1:   when we have just one is 1.414.
Xxx   just double it.
Xxx   unless you actually want us to-
Xxx IS5:   no I think Q equals to-
Xxx   >uh can I use your pencil?<
Xxx   Q equals MC right?
Xxx   so delta Q equals MC delta T.
Xxx S1:   so it's gonna be 1 1 and 1.
Xxx IS5:   (what you mean) 1 1 1.
Xxx S1:   because the grams uncertainty on the board.
Xxx S2:   ((something about multiplying)
Xxx IS5:   yea mass and specific heat.
Xxx S2:   (velocity) and then the error in T.
Xxx S1:   no I'm talking about the (error of uncertainty).
Xxx IS5:   the error of Q equals to Q
Xxx   ((unclear talks fast))
Xxx S1:   ((nodding))
Xxx S2:   ((unclear))
Xxx IS5:   yea yea
Xxx s2:   yea ok so I have one last question.
Xxx   why would we have uh total Q,
Xxx   why would the ratio ((unclear)).
Xxx IS5:   are you sure you get the correct W
Xxx   this is ((mumble)) ten times
Xxx   ((mumble))
Xxx   1.5?

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Xxx S2:    yes
Xxx IS5:   and 2,000.
Xxx        R is-
Xxx        oh this one is:: I say.
Xxx        ((calculates))
Xxx        4.075
Xxx S2:    (1.5)
Xxx IS5:   it is a little bit small.
Xxx S1:    (what happen to the head)?
Xxx S2:    oh oh I measure across.
Xxx        so it has to be across this way.
Xxx IS5:   ((unclear)) disk.=
Xxx S2:    =ok
Xxx        thank you
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