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LabPhysics_IS5_20151116_Seg35.pdf

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Setting: physics lab

Participants: IS5 (female, black sweater), S1 (female, dark grey sweater), S2 (female, in white long sleeves)

xxx IS5: so if you want the worksheet
xxx you can come to my office and get it
xxx if you want.
Xxx S1: for this I did
Xxx is it this?
Xxx I think the formula is this.
Xxx IS5: for which one.
Xxx S1: I'll show you.
Xxx S2: that is the formula.
Xxx S1: for this-
Xxx the uncertainty of-
Xxx IS5: no:
Xxx you're looking for ((unclear))
Xxx right?
Xxx S1: the what?
Xxx IS5: (if- if- S equals to A times B
Xxx or A or B so the ((unclear))
Xxx B goes B plus B minus B
Xxx that is A square.)
xxx ((unclear))
Xxx S1: so now you have delta S!
Xxx IS5: so
Xxx S1: now you have delta S just put delta S
Xxx over S?
Xxx IS5: no no.
Xxx this is re- this is absolute
Xxx S1: no no I mean after this one.
Xxx IS5: oh so this is ((unclear))
Xxx S1: the uncertainty of total.
Xxx IS5: (identity) goes to t s minus t r
Xxx S1: yea that's why I said the answer is this!
Xxx IS5: no because over here ask you to write is the-
Xxx absolute error.
Xxx this is relative error.

Xxx only delta S is absolute error.
Xxx S1: so now I have-
Xxx I found >this over this<
Xxx now I have to do this?
Xxx IS5: this is this
Xxx now delta T equals to T F or T I
Xxx (so you can do this one).
Xxx ((unclear))
Xxx S1: so it's wrong. ((bangs table))
Xxx so now what.
Xxx IS5: it's not ((unclear))
Xxx (just this)
Xxx S2: ((unclear))
Xxx S1: but what is it?
Xxx that's the same thing.
Xxx IS5: this is T F.
xxx T F is-
Xxx S1: oh this is final squared plus initial squared.
Xxx IS5: yes yes
Xxx S1: this is more work than I had to.