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LabPhysics_IS5_20151012_Seg32.pdf

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Setting: in physics lab

Participants: S1 (female, blue), IS5 (female, black sweater), S2 (female, purple sweater)

Xxx S1: ((unclear)) yea ((unclear something about R))

Xxx IS5: ((points to screen))

Xxx this is before after, ((unclear))

Xxx after

Xxx S2: so wait this is before,

Xxx IS5: yea

Xxx S2: this is (after),

Xxx IS5: no no no ((grabs students pencil))

Xxx this velocity,

Xxx this is momentum,

Xxx this is (kinetic energy),=

Xxx S1: =yea

Xxx IS5: without ((unclear)) before here,

Xxx S1: ((unclear))

Xxx IS5: I mean ((unclear))=

Xxx S1: time is after.=

Xxx IS5: =yes

Xxx S1: ok

Xxx so for after,

xxx there's two numbers for after.

Xxx IS5: yea ((motions with pencil))

Xxx (plus them)

Xxx S1: I have to what?

Xxx IS5: add them.

Xxx S1: add them together?=
Xxx IS5: =yes

Xxx IS5: =yes

Xxx S1: and then that's the momentum after.

Xxx IS5: yes

Xxx S1: and then momentum before,

Xxx but (there's two) ((unclear)).

Xxx S2: wait so we add both of these together.

CLF IS5: [add these together ((points))

CLF S1: [no no nno

CLF IS5: [(and plus-

CLF S1: [so nevermind

CLF IS5: (.) ((looks at S1) what,
CLF S1: ((unclear don't think she speaks))
CLF IS5: oh P I.
CLF S1: yea
CLF IS5: because this isn't a ((unclear))
CLF S1: ok ok look ((stands up))
CLF momentum before ((unclear))
CLF IS5: yea
Xxx S1: there's R I here and R I there.
Xxx P [I sorry.
Xxx IS5: [yea ((unclear)) [is zero ((unclear))
Xxx S1: [oh
Xxx so that's the initial=
Xxx IS5: =yes
Xxx S1: and this is after=
CLF IS5: =yes yes
CLF S1: add them together.=
CLF =ok
CLF IS5: and we can (use the errors)
CLF this is (square plus e square and square root)
CLF S1: ok so square root R square
CLF add them together
CLF I have to add them?
CLF IS5: ((unclear))
CLF S1: ((unclear)) they don't ask for it
Xxx oh ((unclear))
Xxx ((smiles and points at IS5 knowingly))