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**LabPhysics\_IS5\_20151116\_Seg49.pdf**

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**Setting:** physics lab

**Participants:** IS5 (female, black sweater), S1 (male, in red), S2 (male, in stripes), S3 (male, in black)

Xxx S1: D 0.01 is good.  
Xxx it's 1 right  
Xxx D  
Xxx IS5: ((unclear))  
Xxx you use  
Xxx it might  
Xxx I guess it might be 1 millimeter.  
Xxx S1: so the board says 1 millimeter.  
Xxx IS5: yea 1 millimeter.  
Xxx S1: oh ok  
Xxx IS5: yea  
Xxx ((followers))  
Xxx ((stutters))  
Xxx S2: I'm sorry  
Xxx so I'm trying to calculate the relative error Q.  
Xxx don't I do this by cal- by ((unclear))  
Xxx S3: isn't it about the same?  
Xxx S2: don't I multiple Q by the uh relative temperature?  
Xxx s3: but that's  
Xxx S2: but I'm- I'm going a get a value that's ((unclear))  
Xxx IS5: no u:h Q plus 2 M C delta T right?  
Xxx S3: yea  
Xxx IS5: and actually what you need to do to get T is uh-  
Xxx delta Q for each of them.=  
Xxx S2: =oh  
Xxx IS5: and then delta 1 square plus two.  
Xxx because-  
Xxx the difference of the of the-  
Xxx have C different M=  
Xxx S2: =yes  
Xxx IS5: so every-  
Xxx delta Q is M times  
Xxx delta T right?=  
Xxx S2: =yes  
Xxx IS5: right.

Xxx and 17 hundred?  
Xxx S2: 17,128  
Xxx IS5: ((unclear))  
Xxx S3: yea it is ((unclear)) 4.65.  
Xxx 4.65  
Xxx should be right  
Xxx IS5: should be should be