What's the Right Answer? Doubt, Uncertainty, and Provisional Truth in Science

Session C: Tuesday, July 12, 11:00 A.M. – 12 Noon
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The PowerPoint slides, graphing spreadsheets, and related documents containing student exercises (and teacher solutions) are available at [https://public.me.com/petershyde](https://public.me.com/petershyde).

The Science and Values document gives an exercise for students to consider the importance of doubt and unanswered questions in science.

The Pi Lab documents (-stu and -tch) are student and teacher, respectively, versions of the exercise for determining pi both from experimental measurements and from mathematical calculations.

The Uncert (-stu and -tch) documents are exercises in the process of calculating uncertainties derived from uncertainties in measured quantities.

The Uncert Prob (-stu and -tch) documents contain exercises in uncertainty calculations.

References for the PowerPoint slides:


