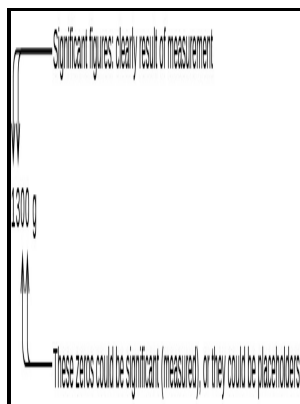


Determining significant figures.

The Corporation - Significant Figures



Description: -

-Determining significant figures.

-

Alber-Reihe Philosophie

Practical mathematics for science students -- 803. Part 1Determining significant figures.

Notes: A tape/slide presentation.

This edition was published in 1972



Filesize: 54.44 MB

Tags: #General #Chemistry: #Use #of#Appropriate #Significant #Figures

Interactive Practice on Significant Figures

Also, read on to know about the simple and best. To use this calculator, a user simply enters in the addition problem into the text box, and clicks the 'Calculate' button.

Error Analysis and Significant Figures

This example illustrates the general concept of significant figures hereafter called S.

Determining Significant Figures

For example, suppose that three people were told to determine the length of a piece of wood and were given a tape measure whose smallest markings were at 0.

Significant Figures Calculator

When the bar that connects the two pans is horizontal, then the masses in both pans are equal. Error Analysis and Significant Figures Errors using inadequate data are much less than those using no data at all.

Significant Figures (Sig Fig) Calculator

A thermometer with an uncertainty of 3° would be useless. But the measurement went all the way down to the thousandths place. Hint for future calculations: when calculating percent uncertainty, always remember that you must multiply the fraction by 100%.

Rules for Significant Figures

But I think when you look over here, it makes a lot more sense why you only have three significant figures. Significant figures are the digits of a number that are meaningful in terms of accuracy or precision. Assume you made the following five measurements of a length: 0.

Error Analysis and Significant Figures

If I am more precise, I might get 216 mm 3 significant figures.

Determining Significant Figures

In this example you would want to enter 2.

Related Books

- [Company law and practice in Nigeria](#)
- [Not Saussure - a critique of post-Saussurean literary theory](#)
- [Nomiko plaisio tou elektronikou emporiou](#)
- [Injection moulding of plastics](#)
- [Jātakas in Indian art](#)