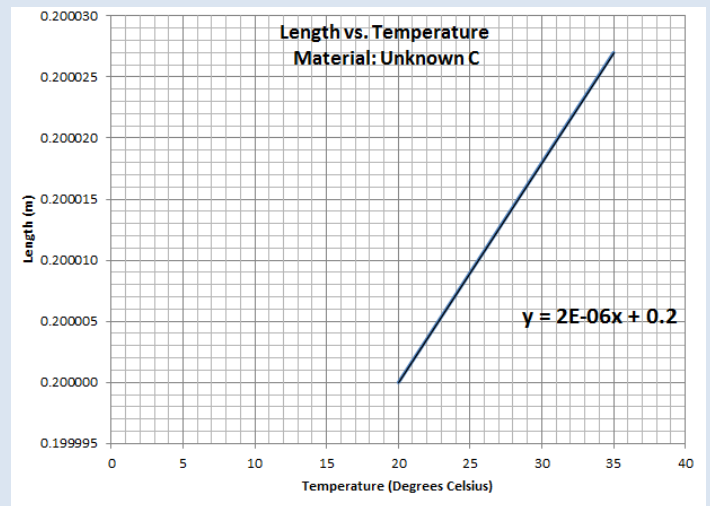
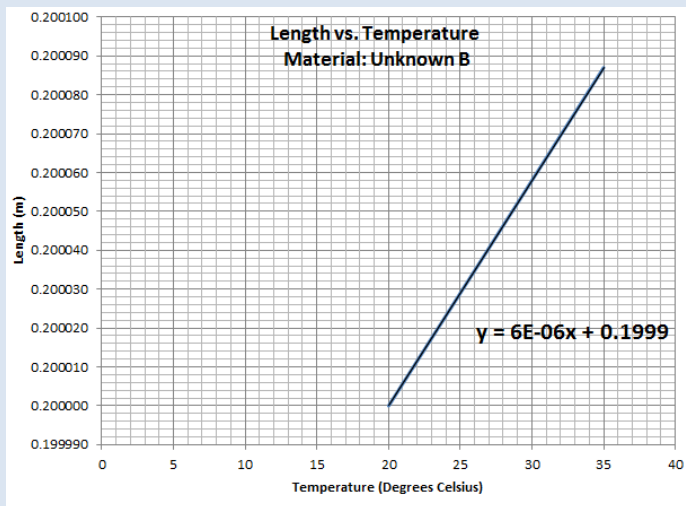
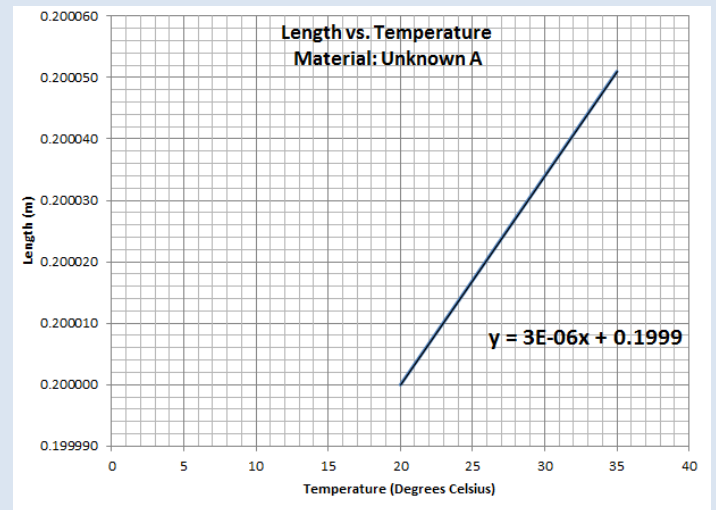
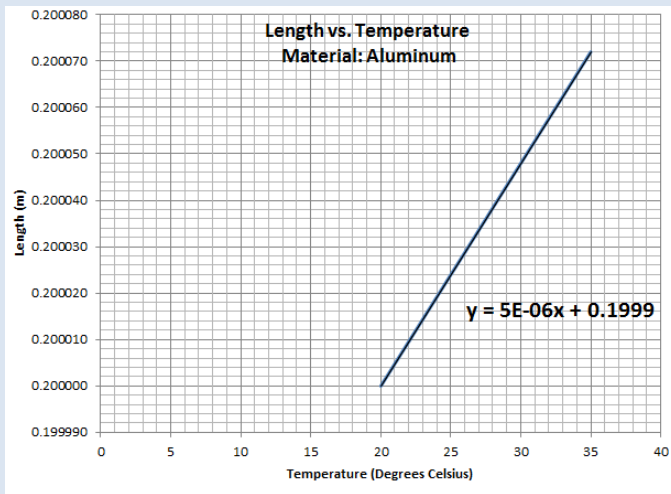


Linear Expansion

In an experiment, students are testing the linear expansion of different materials. The students produce the following graphs for aluminum and three unknowns.



1) Using table 10.1 in your book. Determine unknown materials. Show work below.

2) Describe how the students might have performed the experiment. Include what type of equipment they might have used, measurements they took, what type of measuring devices they used. Please include diagrams.

3) Describe what difficulties the students might have performing the experiment.