

**Radon Lab**  
**Math 120**  
**Pre-lab component**

Each member of your group is responsible for answering these questions. The answers to these questions should be used in the lab report. If this prelab is not done satisfactorily, the individual will have 10% deducted from the group lab grade.

In the following problems, cite references for each of your answers. Give as complete answers as you can, yet make each answer understandable to the average citizen. (Pretend that you are reporting on an evening news program.)

1. What are some of the harmful effects of radon?
2. What is the Federal maximum acceptable level of radon in a residential house?
3. What can a homeowner do to alleviate the harmful effects of radon?
4. What is the price range of radon detection kits (names and model numbers) and how do they work?