





Name \_\_\_\_\_ Section \_\_\_\_\_

- c) The radiation exposure from an old orange Fiestaware plate is about 0.002 mrems/hour. Estimate the annual radiation exposure of a person who ate 3 meals a day using a Fiestaware plate. What percent is this exposure from the plate of the 200 mrem annual exposure of the average person?
- \_\_\_\_\_

**5) Radon**

- a) What is radon?
- b) What is a "radioactive daughter"?
- c) How long do you have to leave a radon test kit in a location to determine if you have a radon problem?
- d) Can you use a Geiger counter or similar device to check if you have a radon problem? Why or why not?

e) Why are radon daughters dangerous?

f) Why is radon of particular concern in locations like central Ohio?