

# WHO ARE THE REAL RADON PROFESSORS?

## QUESTIONS FOR ROUND #1

1. Radon comes from naturally occurring uranium in the soil. T or F
2. Radon causes asthma. T or F
3. Radon is a radioactive liquid. T or F
4. IEMA stands for:
  - A. Illinois Environmental Management Association
  - B. Illinois Emergency Management Agency
  - C. Integrated Environmental Management of America.
5. Radon smells like a rose. T or F
6. You hire a licensed mitigation professional to test for radon. T or F
7. Reduce indoor radon if the test result is:
  - A. 2 pCi/L
  - B. 4 pCi/L
  - C. 3 pCi/L
8. Radon can cause lung cancer. T or F
9. A system in new homes that reduces radon is called:
  - A. Radon Buster
  - B. Humidifier
  - C. Passive Radon Reduction System
10. Radon test kits are sold at auto dealers. T or F

If there is a tie, ask the **Tiebreaker Question**:

The first leading cause of lung cancer is \_\_\_\_\_.

**WHO ARE THE REAL RADON PROFESSORS?  
QUESTIONS FOR ROUND #2**

1. A carcinogen is an agent that causes cancer. *T* or *F*
2. A mitigation system collects radon:  
A. Before it enters a building                      B. Before it becomes radioactive  
C. After it turns into a green ooze
3. PRRS is an abbreviation for:  
A. Passive Radon Reduction System      B. Paul Read's Red Scooter  
C. Positive Radioactive Radon Sniffer
4. pCi/L stands for:  
A. Parts per calorie per liter                      B. Portly cilia per loon  
C. Picocuries per liter of air
5. Radon enters the home through air pressure and temperature differences between the outdoors and the indoors. *T* or *F*
6. Radon is drawn into the home from:  
A. Soil    B. Air  
C. Water (only on occasion when the water comes from a well)
7. Radon comes from decay of:  
A. Uranium    B. Kryptonite  
C. Xenon
8. A mitigator is a contractor trained to reduce radon levels. *T* or *F*
9. If you built a home with a passive radon reduction system, you should still test for radon. *T* or *F*
10. Testing for radon is easy. *T* or *F*

If there is a tie, ask the **Tiebreaker Question**:

When you test like professionals do, you:

- A. Place only one detector in the house
- B. Place a detector in each lowest structural area (foundation type: basement, crawlspace, slab-on-grade)
- C. Both A & B

**WHO ARE THE REAL RADON PROFESSORS?**  
**QUESTIONS FOR ROUND #3**  
**Fill in the blank.**

1. Radon is a colorless, odorless radioactive \_\_\_\_\_.
2. Radon is the \_\_\_\_\_ leading cause of lung cancer.
3. Radon is a Class \_\_\_\_\_ known human carcinogen.
4. A difference in \_\_\_\_\_ and \_\_\_\_\_ differentials causes radon to enter buildings.
5. All types of home foundations can have radon such as homes with a \_\_\_\_\_, a crawl space or a slab on grade.
6. \_\_\_\_\_ often include passive radon reduction systems in their designs for new houses.
7. Mitigation systems work by collecting radon before it enters a building and \_\_\_\_\_ it above the roofline.
8. Radon testing is recommended \_\_\_\_\_ Illinois.  
(Where in IL?)
9. To activate a Passive Radon Reduction System, a mitigator installs a \_\_\_\_\_.
10. Telephone IEMA at their toll free number: \_\_\_\_\_.
11. If there is a tie, ask the **Tiebreaker Question:**

A list of radon and mitigation professionals can be found at I.E.M.A.'s website:

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