

INVESTIGATION 1 What do people know about radon?

Levels of Radon in Jersey Town Exceed Limits

An Entire Neighborhood Affected by Problem

Unsafe levels of the radioactive gas radon have been found in 45 homes in and around a village in rural western New Jersey, including one home with the highest level yet detected in a building in the state.

The measure in the house was 250 times the federal Environmental Protection Agency's recommended indoor guideline for radon, which is known to cause lung cancer in miners.

Radon is a naturally occurring radioactive gas formed by the radioactive decay of uranium and radium and enters homes through small cracks and openings from the soil under and around the house.

Federal officials warn that the radon threat is greater than had been first recognized and may cause 14,000 lung cancer deaths a year. They urge that all houses and apartments up to the second floor be tested for this colorless, odorless gas.

Many of the homeowners in this rural community indicated that steps were already being taken to fix the radon problem in their homes.



INVESTIGATION 1 What do people know about radon?

_____ Name

Think about radon

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

From the newspaper article, write down five words that are associated with radon.

Define each of the words above.

- 6. WORD: _____ DEFINE IT _____

- 7. WORD: _____ DEFINE IT _____

- 8. WORD: _____ DEFINE IT _____

- 9. WORD: _____ DEFINE IT _____

- 10. WORD: _____ DEFINE IT _____

INVESTIGATION 1 What do people know about radon?
--

Name

Find some people

Who? Interview 5 friendly people in your community
(Ask your family to help you identify these people)

What? Ask your participants the questions on the next page

Where? At home, at the park, in the neighborhood, over the phone

Why? To learn how to collect data

IDENTIFY 5 PEOPLE WHO COULD COMPLETE THIS SURVEY

Name

Relationship



_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

DO'S & DON'TS

1. Do thank the person when you are finished.
2. Do speak loudly and clearly.
3. Do allow time for the person to respond to each question.
4. Don't conduct the survey with a stranger.
5. Don't give up!

INVESTIGATION 1 What do people know about radon?

Conduct a survey

Friendly Person to Interview

Directions: Please answer the questions below. Begin each question with "Do you think..." and circle either YES or NO.

DO YOU THINK

1. Radon is a health hazard? YES NO

DO YOU THINK

2. Your home should be tested for radon? YES NO

DO YOU THINK

3. There is natural radiation around us all the time? YES NO

DO YOU THINK

4. Radon can be located in a home by its smell? YES NO

DO YOU THINK

5. Radon can be easily removed from a person's home? YES NO

DO YOU THINK

6. Some radon enters homes through cracks in the ceiling? YES NO

DO YOU THINK

7. Everybody should know the radon level in their homes? YES NO

DO YOU THINK

8. Some radon comes from some building materials? YES NO

INVESTIGATION 1 What do people know about radon?

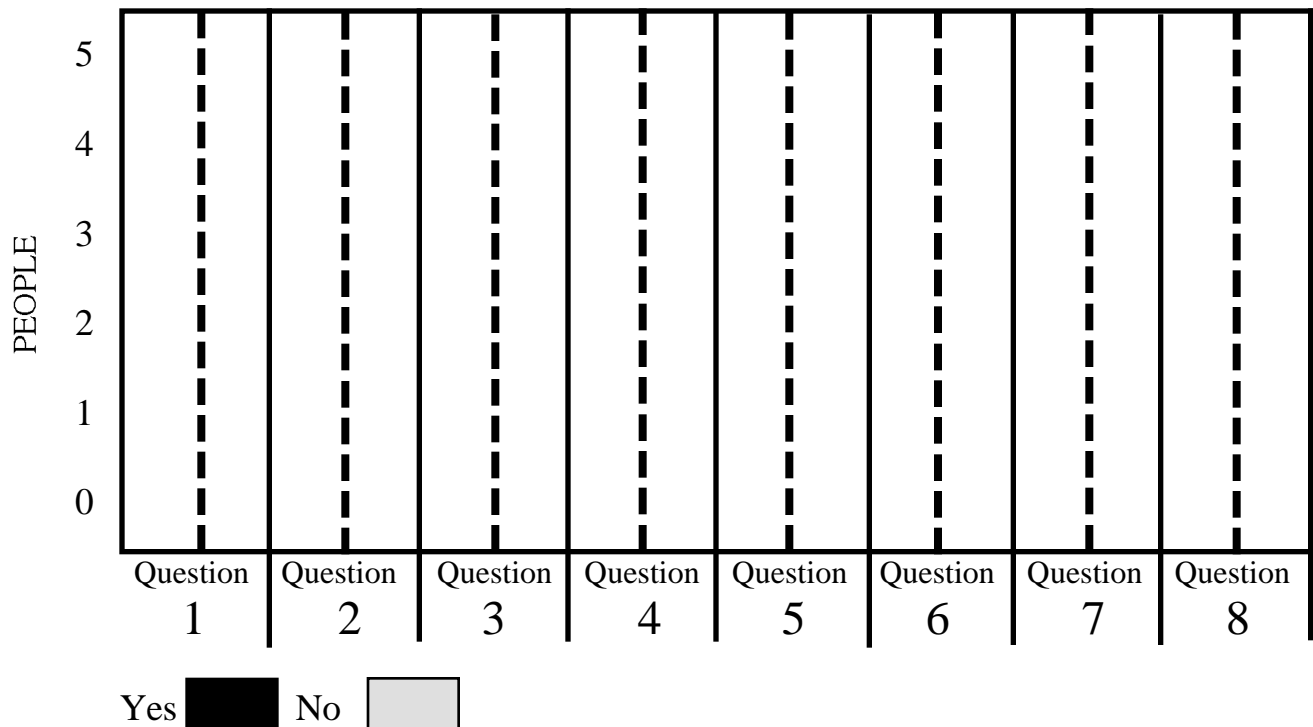
Tally some data

_____ Name

QUESTION 1	YES	NO
QUESTION 2		
QUESTION 3		
QUESTION 4		
QUESTION 5		
QUESTION 6		
QUESTION 7		
QUESTION 8		

MARK DOWN THE TOTAL NUMBER OF YES'S AND NO'S FOR EACH QUESTION.

FILL OUT THE BAR GRAPH



INVESTIGATION 1 What do people know about radon?

_____ Name

Think it over

1. Which survey questions got the most "Yes" answers?

_____ What does that mean to you?

2. Which survey questions got the most "No" answers?

3. Does the survey show that people know a lot about radon?

_____ How much do you know about radon?

4. How did your own answers to the survey compare to the group study?

INVESTIGATION 1 What do people know about radon?
--

Conduct a survey

Friendly Person to Interview

Directions: Please answer the questions below. Begin each question with "Do you think..." and circle either YES or NO.

DO YOU THINK ...

1. _____ ? YES NO

DO YOU THINK ...

2. _____ ? YES NO

DO YOU THINK ...

3. _____ ? YES NO

DO YOU THINK ...

4. _____ ? YES NO

DO YOU THINK ...

5. _____ ? YES NO

DO YOU THINK ...

6. _____ ? YES NO

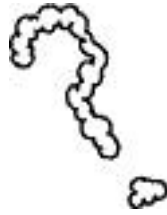
DO YOU THINK ...

7. _____ ? YES NO

DO YOU THINK ...

8. _____ ? YES NO

INVESTIGATION 1 What do people know about radon?



Name

Ask some questions

Write down questions that you would like answered about radon.

Question #1

Question #2

Question #3

Question #4

Question #5

