

# INVESTIGATION 7

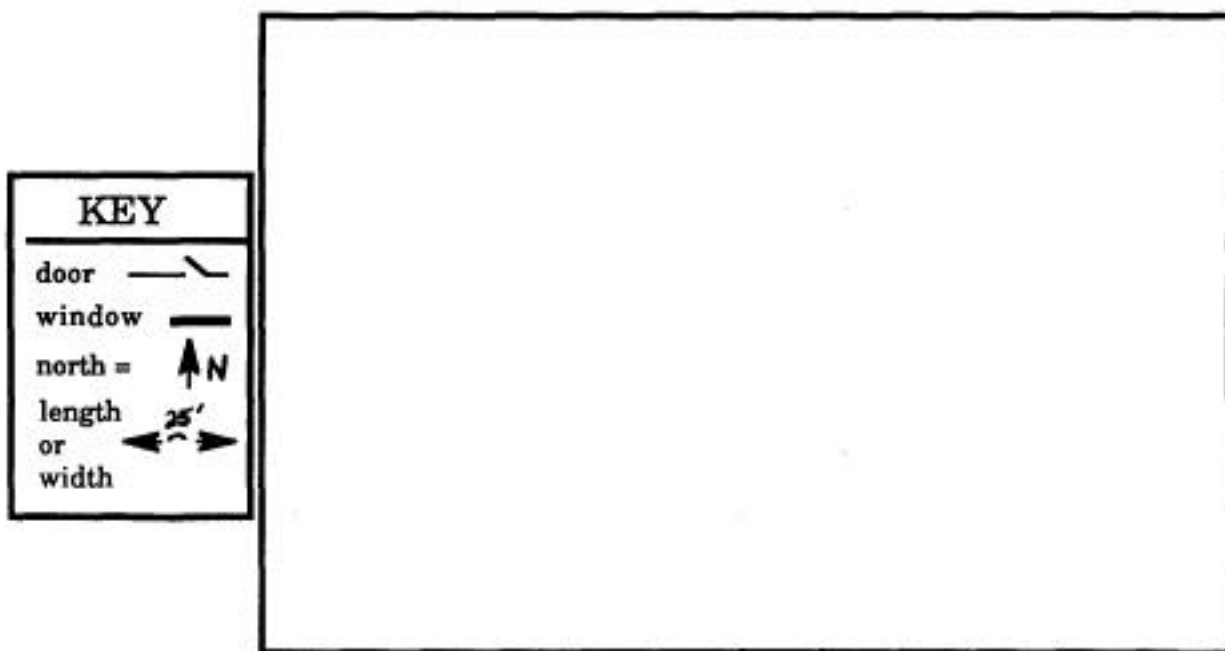
# How does radon get in?

Name \_\_\_\_\_

## Sizing up the house

In order to do a radon investigation of your home, important information about room size and design is needed. You will need a tape measure or ruler.

1. In the space below, sketch the general shape of the first floor of your house if you were looking down from the top.
2. Using the key, show the location of doors and windows on your sketch.



3. In the sketch above, number every window in the room.
4. Circle the window type that is most like the windows in your house.



5. Put a star \* beside any cracked or broken windows.

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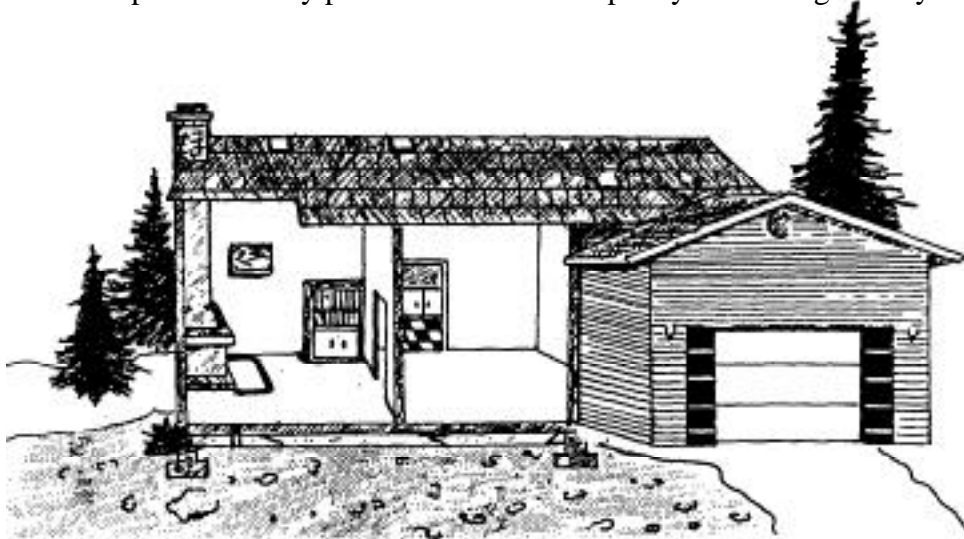
Name

## Do some calculations

1. Do the following calculations:
  - A. Total number of openings such as doors, windows, and cracks (Add one square cm for each) \_\_\_\_\_
  - B. Number of fans (Add three square cm for each) \_\_\_\_\_
  - C. Number of fireplaces/woodstoves (Add six square cm for each) \_\_\_\_\_
  - D. Sum of A, B, and C \_\_\_\_\_

## Inspect this house

2. Draw a circle around potential entry points for radon. Compare your findings with your neighbor.



## Did you know?

Radon can get into a building several ways. One way is through a crack or joint in the floor. Another way is through a crack in a basement wall or near the ground. A third way is through a drain in the floor. Sometimes it can get in where pipes enter a house through the floor.

Note: Remember that radon is to a crack like a penny is to a baseball stadium. It doesn't need much room to get inside!

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Try these questions

1. What are the three most important routes of radon entry into your home?

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2. Do you think it is better to live in a well ventilated home versus an air tight home?

EXPLAIN:

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Notes