



name: _____

date: _____

period: _____

What would happen if you were locked in an airtight room?

After reading the article, answer the following questions. Use complete sentences when appropriate.

1. How can you figure out how much air you breathe in one day? Explain the steps.

Step 1: _____

Step 2: _____

Step 3: _____

Step 4: _____

2. What's the difference between breathing with scuba gear and breathing in an airtight room?

3. List the two problems that occur when you are breathing the air inside a sealed room.

a. _____

b. _____

4. Fill in the blanks.

When you are locked into an airtight room, there is 21% _____ and the 79% _____. There is hardly any _____. When you breathe, you take in _____ oxygen and _____ carbon dioxide and exhale 16% _____ and 5% _____. When the room's oxygen level falls to _____ and carbon dioxide level reaches _____, you are in trouble. There are two reasons why: you are getting less _____, which your body needs, and you are breathing in more _____, which is _____.