Conditional Loop Practice

Imagine that you have a bicycle tire. Every second the air valve stays open, the tire loses 3% of its air. How long, to the nearest second, will it take to empty at least half of the air from the tire? On this paper, solve the problem using the following stages:

a. State what will be true when the loop is done, then write the negated statement.

b. Use the negated statement to code a solution to the problem. Either write or print your source code on this page.

c. Record your mathematical answer to this question at the bottom of this page.

What is true when the loop is done?

Write the negated statement:

Code:

Answer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_