1. **Problema**

   Consider a population such that the 2% of the individuals suffer disease. Adi-agnostic test is available for such an illness. The test is positive for the 97% if ill individuals and for the 6% of healthy individuals.

   We apply the test to a person a the result is positive. Calculate the probability that this person is actually ill with 4 significant digits.

   Solución

   The answer is 0.2481