

Homework 15

Name _____

For each of the following tests, write the null and alternative hypotheses. Then describe both the Type I error and Type II error. Decide which error would be worse to make.

1. A blood test designed to detect Hepatitis C.
2. A market researcher tests whether an expensive herbal cold remedy works.
3. DNA matching software used in a crime lab to determine if a defendant was at the scene of the crime.
4. A home pregnancy test.
5. A test for ESP.