

Observations

Working with your lab group, discuss patterns of perspiration you have observed on your palms and your forearms. Record your observations below (1 pt).

Hypothesis

The hypothesis should follow from personal observations. Based on your observations, formulate a hypothesis about the distribution of sweat glands on the forearm and palm. Write your hypothesis as a *testable* statement (1 pt).

Testing the Hypothesis

Write an if-then statement that will help you determine whether your data support your hypothesis. For example, if you hypothesized that there is no difference in sweat gland distribution between the forearm and palm, your statement would be: “**if** there is no difference in sweat gland distribution, **then** there should be a similar number of black spots on the papers from the palm and the forearm.” (2 pt)

Materials and Methods

Describe the procedure for the experiment (2 pt).
