

Name:

Date:

Class:

What is Python? Pre-Assessment

Directions

Answer the following questions the best you can. You are not expected to know the answers, and this assignment will not be graded.

1. Sonya wants to write a program to pack her suitcase automatically. Describe how Sonya should use for/while loops and/or if/else statements to write code for the following:
 - a. Packing a number shirts (**num_shirts**) into her suitcase.

 - b. Packing a number pairs of pants (**num_pants**) *if* the temperature is less than 50 degrees, otherwise packing a number pairs of shorts (**num_shorts**).

2. Why might a computer need to organize variables/objects into specific data types/categories?