CHAPTER 1 EXERCISE

WHAT IS STATISTICS?

Name ____BEVERLY MATSIWE_____   Section _____   Score _____

Part I   Classify the following sets of data as qualitative or quantitative.

QUALITATIVE **1**.   The religious affiliations of college students

QUANTITATIVE **2**.   The height of each member of a basketball team

QUANTITATIVE **3**.   Students' scores on the first statistics exam

QUALITATIVE **4**.   The color of new SUV's on a car lot

QUANTITATIVE 5.   The Olympic track and field world records, such as the time for the steeplechase.

Part II   Classify the following sets of data as continuous or discrete.

__DISCRETE_ **6**.   The number of students enrolled in an accounting class

__DISCRETE___**7**.   The number of General Electric microwaves sold by Home Depot last month

_CONTINUOUS__**8**.   The acceleation time of an automobile

_CONTINUOUS **9**.   The temperature of a refrigerator

__DISCRETE____ **10**. The number of people aboard a commercial airplane

Part III Identify the measurement scale as nominal, ordinal, interval, or ratio for each of the following.

_INTERVAL____ **11**. student IQ ratings

_RATIO_____ **12**. distance students travel to class

_NOMINAL_____ **13**. the jersey numbers of a sorority soccer team

__NOMINAL____ **14**. a classification of students by state of birth

__ORDINAL_____ **15**. a ranking of student as freshman, sophomore, junior, and senior

__RATIO_____ **16**. number of hours students study per week

___RATIO_____ **17**.   the number of papers sold each Sunday during 2020

__NOMINAL____ **18**. the color of the students' hair in your statistics class

, INTERVAL____ **19**. Scholastic Aptitude Test (S.A.T.) scores for incoming freshmen

__NOMINAL____ **20**. the departments, such as editorial, advertising, sports, etc