Introduction to Statistics

1. You are interested in identifying average household spending on tuition for A/L students in Sri Lanka. So, you collect data on monthly tuition fees from 500 A/L students in the Colombo district.
   Match the following items with the correct term.
   (Population, Variable, Statistics, Parameter)

   - A/L students in Sri Lanka
   - Monthly spending on tuition
   - Average spending on tuition in the sample of 500 A/L students
   - Average spending on tuition in Sri Lanka

2. Find the statement with the correct variable type-example pair.

- Satisfaction with customer service on a scale of 1 to 5- ordinal, educational level - nominal, distance from train station to home - continuous, time taken to finish reading a paragraph of text – discrete

- Restaurant rating - ordinal, Gender - nominal, Weight - continuous, Number of children – discrete

- Socio-economic class - ordinal, district of residence - nominal, square footage of house - continuous, monthly income – discrete

- Class ranking - nominal, religion - ordinal, age - continuous, number of cars owned - discrete