

LEARNING CHECK

Refer back to Table 2.4, which contains some of the materials from Terrell and colleagues' (2008) research study described at the start of this chapter. Use it to answer the following questions:

1. What, if any, are the nominal variables in this study?
A: sex, class standing, ethnicity
2. What, if any, are the ordinal variables in this study?
A: none
3. What, if any, are the scale variables in this study?
A: tendency to act aggressively, grade-point average, height, weight
4. Why is it that data collected using an interval or ratio measurement can be considered simply "scale" data?
A: Both interval and ratio measurement scales can use the same statistical tools, so such a differentiation is not as important as it is for nominal and ordinal data.
5. For each variable, identify the scale of measurement (nominal, ordinal, interval, or ratio) and whether it is discrete or continuous:

Variable	Scale of Measurement?	Discrete or Continuous?
Letter grades (e.g., A, A-, B+)		
The number of miles between two locations		
A person's wireless provider		
Time to run a 5-kilometer (5K) race		
Place finished in a 5K race		
Number of whole cookies in the cookie jar		
Amount of money in a person's savings account		
Total score on the SAT		
Postal zip code		
High school class standings		
Ranking of restaurant preferences		

(Continued)