

SOLUTIONS TO
TEST YOUR KNOWLEDGE: Introduction

1. Which of the following is an example of ratio scale data? (a) Score on an accounting final (b) temperature in Fahrenheit (c) weight of cows (d) occupation (e) all of the above.
2. A researcher should not use the mean as a measure of central tendency unless the data is at least on a(n) _____ scale: (a) nominal (b) ordinal (c) interval (d) ranking (e) ratio
3. Which of the following is a parameter? (a) sample mean (b) sample standard deviation (c) population mean (d) sample median (e) sample mode
4. Which of the following is an example of continuous data? (a) number of children (b) amount of time it takes to assemble an IKEA bookcase (c) total number of phone calls made in a week (d) number of bathrooms in a house (e) all of the above.
5. Which of the following is an example of discrete data? (a) circumference of American women's wrists (b) amount of time spent playing computer games (c) total number of phone calls made in a week (d) length of elephant tusks (e) all of the above.
6. Which of the following is an example of interval scale data? (a) religion of Americans (b) ethnicity of Americans (c) temperature in Centigrade (Celsius) (d) height of Americans (e) all of the above.
7. A manufacturer of supercomputers wants to sample 20 out of 500 that have been manufactured this year. An ID number is assigned to each of the 500 computers and then 20 random numbers are generated to see which computers to choose for the sample. This is an example of a: (a) random data listing (b) frequency distribution (c) simple random sample (d) census (e) none of the above.