

Lomax, R. G., & Hahs-Vaughn, D. L. (2012). *An introduction to statistical concepts (3rd ed.)*. New York: Routledge/Taylor & Francis.

Answers to Conceptual Problems for Chapter 1 (Introduction)

2. Variable (while there is not a lot of variation, there is some variation in this scenario)
4. b (greater than statements do not apply to nominal variables)
6. b (greater than statements define an ordinal variable)
8. No (true ratios cannot be formed with interval variables)
10. False (some characteristics of a sample are constant)
12. False (as this is a population parameter, no inference need be made)
14. Yes (although the top 5 scores will be increased, the ranks of every score will remain the same)

Answers to Computational Problems

2.

Value	Rank
10	6.5
16	4.5
10	6.5
8	8
19	2.5
16	4.5
5	9
21	1
3	10
19	2.5