Discussion Questions

# Chapter #5: Measurement Errors, Reliability, Validity

1. What is a key difference between random and systematic error?
2. What are three ways in which you can minimize measurement error?
3. A student takes a standardized test in January 2017 and receives a score of 94 of 100. The same student takes the same standardized test in January 2018 and again receives a score of 94 of 100. The similar score at the two test administration points suggests what about the reliability of the test?
4. A researcher is interested in creating a tool to assess self-care capacity among war veterans. She recruits a group of researchers with expertise in veteran health and mental health to review her tool and determine whether she is capturing the construct of self-care appropriately. In doing so, she is assessing what type of validity?