As this book guides you through assessment of speech and language, you will be introduced to a vast array of measurement tools and procedures. Your knowledge of these measures will be clinically beneficial insofar as you can determine when and how to apply each one to your unique assessment experiences. To accomplish this task, you will need to understand the rationale for using particular measures and learn how to use them and interpret the results that they bear. Assessment also commonly requires the clinician to develop measures and determine how to evaluate performance when those measures are used. These aspects of assessment fall under the topic of psychometrics—the study of theories and techniques in the measurement (metrics) of psychological (psycho-) attributes. This chapter will acquaint you with fundamental principles and pitfalls to consider when