

*After reading this chapter, you will be able to*

Differentiate between an independent samples  $t$  test and a paired samples  $t$  test

Interpret the conceptual ingredients of the paired samples  $t$  test

Interpret an APA style presentation of a paired samples  $t$  test

Hand-calculate all ingredients for a paired samples  $t$  test

Conduct and interpret a paired samples  $t$  test using SPSS