

Table 12.5

Symbolic and Verbal Representations of the Research and Null Hypotheses for the Main Effect of Study Method

	<i>Symbolic</i>	<i>Verbal</i>	<i>Mean Difference Created by</i>
Research hypothesis (H_1)	$H_1: \mu_1 \neq \mu_2$	The exam scores for those using the different studying methods will not be equal.	One studying method being better than the other
Null hypothesis (H_0)	$H_0: \mu_1 = \mu_2$	The exam scores for those using the different studying methods will be equal.	Sampling error