

Section	Important Concept/Skill	Text Reference
11.2	Explain what is meant by the acronym ANOVA	p. 346
11.2	Give the characteristics of the F distribution.	p. 346
11.3	Use the appropriate formula to calculate the test statistic when comparing two population variances.	p. 347 [11-1]
11.3	Conduct two-sample hypothesis testing for the population variances.	pp. 347-349
11.4	State three assumptions about the populations when ANOVA is used to compare more than two population means.	p. 350
11.4	Define the term treatment as it applies to ANOVA.	p. 350
11.5	Define the term total variation (SS total) as it applies to ANOVA.	p. 352
11.5	Define the term treatment variation (SST) as it applies to ANOVA.	p. 352
11.5	Define the term random variation (error component) (SSE) as it applies to ANOVA.	p. 352
11.5	Calculate SS total, SST, & SSE when completing the ANOVA test	pp. 352, 354, 356 [11-2, 11-3, 11-4]
11.5	Use the appropriate formula and/or an ANOVA table to calculate the test statistic when comparing the means of more than two populations.	pp. 352, 354
11.5	Conduct 5-step hypothesis testing on more than two population means.	pp. 353-358