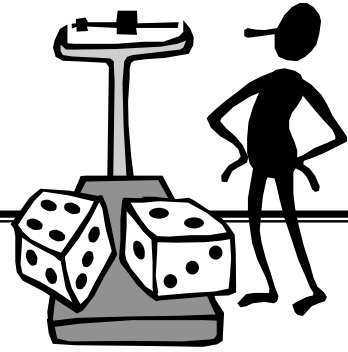


## Chapter 25: Paired Samples and Blocks



### Key Vocabulary:

- paired t-test
- paired t-interval

1. Explain why a two-sample hypothesis test is not appropriate for paired data.
2. What type of test is used instead of a two-sample t-test when dealing with dependent data?
3. What conditions and assumptions are necessary in order to use a paired t-test?
4. Explain how to construct a confidence interval for paired data.
5. What is the null hypothesis for paired data?
6. What is the formula for the test statistic for paired data?
7. What is the df for paired data?