

Quiz 12 April 16, 2001, *Statistics for Business*

1. **Replication** is important in experimentation since process results vary even under carefully controlled experimental conditions.  
A) True    B) False
  
2. In a taste test of two recipes for pizza, a coin was flipped to decide which tasters got which recipe. This an example of:  
A) randomization  
B) replication  
C) blinding  
D) stratification  
E) placebo
  
3. In the Physicians' Health Study described in the video, 22,000 male doctors were used as subjects to measure the effect of aspirin in the prevention of heart attacks. By saying that the experiment was **double blinded** we mean that neither the subjects nor the evaluators knew whether the subjects received aspirin or placebo.  
A) True    B) False
  
4. In the Physicians' Health Study, the physicians receiving the aspirin are said to be in the **control group**.  
A) True    B) False

Answers: 1. A, 2. A, 3. A, 4. B