

Congratulations! You passed!  
Grade received 100%  
To pass 80% or higher  
Go to next item

1. Objective probability is based on personal feeling, experience, or judgment.

1 / 1 point

- ☐ True  
☒ False

✓ Correct  
Subjective probability is based on personal feeling, experience, or judgment.  
Objective probability is based on statistics, experiments, and mathematical measurements.

2. Fill in the blank: In statistics, a number between \_\_\_\_\_ is used to express the probability that an event will occur.

1 / 1 point

- ☐ -1 and 1  
☐ -1 and 0  
☒ 0 and 1  
☐ 1 and 2

✓ Correct  
The probability that an event will occur is expressed as a number between 0 and 1. If the probability of an event equals 0, there is a 0% chance that the event will occur. If the probability of an event equals 1, there is a 100% chance that the event will occur.

3. The probability of no snow tomorrow equals 1 minus the probability of snow tomorrow. This is an example of what rule of probability?

1 / 1 point

- ☐ Division rule  
☐ Addition rule  
☐ Multiplication rule  
☒ Complement rule

✓ Correct  
This is an example of the complement rule, which states that the probability that event A does not occur is 1 minus the probability of A. In statistics, the complement of an event is the event not occurring.