1. Imagine that the United States is preparing for an epidemic (e.g., a smallpox attack). Experts expect 6,000 to die from the disease. As a leader, you are presented with two plans to combat the epidemic, but because of limited resources only one plan can be implemented.

Program A (Tried and True): 4,000 people will be saved.

Program B (Experimental): There is an 80% chance that 6,000 people will be saved and a 20% chance that no one will be saved.

Which program do you choose? ____

2. a. Is the population of Turkey greater ____ or smaller ____ than 30 million?

b. What is your best estimate of the population of Turkey? ______________

3. For each pair of events, which event is more likely?

   a. Being killed by falling airplane parts
      Being killed by a shark

   b. Being killed by a tornado
      Being killed by lightning

   c. Homicides
      Suicides

   d. The letter K is the first letter of a word
      The letter K is the third letter in a word
1. Imagine that the United States is preparing for an epidemic (e.g., a smallpox attack). Experts expect 6,000 to die from the disease. As a leader, you are presented with two plans to combat the epidemic, but because of limited resources only one plan can be implemented.

Program X (Tried and True): 2,000 people will die.

Program Y (Experimental): There is a 20% chance that 6,000 people will die and a 80% chance that no one will die.

Which program do you choose? ____

2. a. Is the population of Turkey greater ____ or smaller ____ than 90 million?

b. What is your best estimate of the population of Turkey? ______________

3. For each pair of events, which event is more likely?
   a. Being killed by falling airplane parts
      Being killed by a shark
   b. Being killed by a tornado
      Being killed by lightning
   c. Homicides
      Suicides
   d. The letter K is the first letter of a word
      The letter K is the third letter in a word