## Textbook Unit 7 Lesson 4 Answers

1. a) Unlikely
b) Possible
c) Unlikely
d) Possible
e) Impossible
f) Certain
2. a) Unlikely
b) Certain
c) Likely
d) Unlikely
e) Likely
3. a)

b) The impossible events are located outside the two circle.
4. b) It is possible a three will appear on the next roll.
5. a) You are likely to pick a red.
b) You are unlikely to pick a purple.
c) You will never pick any color other than red, green, purple, or blue.
6. The bag of marbles should contain more pink marbles than the other marbles combined. It should contain very few green marbles, perhaps only one. Just one orange marble and no black marbles.
7. a) Taking a yellow, green, or blue counter is possible.
b) Taking any color other than yellow, green, or blue is impossible.
c) Taking a yellow, green, or blue counter is certain.
