Determine whether each event is impossible, unlikely, as likely as not, likely, or certain. Then, tell whether the probability is 0, close to 0, $\frac{1}{2}$, close to 1, or 1. (Example 1)

2. randomly picking a green card from a standard deck of playing cards.

_____

3. randomly picking a red card from a standard deck of playing cards

_____

4. picking a number less than 15 from a jar with papers labeled from 1 to 12

_____

5. picking a number that is divisible by 5 from a jar with papers labeled from 1 to 12

_____

Find each probability. Write your answer in simplest form. (Example 2)

6. Spinning a spinner that has 5 equal sections marked 1 through 5 and landing on an even number. Use a tree diagram to find the sample space.

_____

7. Picking a diamond from a standard deck of playing cards which has 13 cards in each of four suits: spades, hearts, diamonds and clubs.

_____

Use the complement to find each probability. (Example 3)

8. What is the probability of not rolling a 5 on a standard number cube?

_____

9. A spinner has 3 equal sections that are red, white, and blue. What is the probability of not landing on blue?

_____

10. A spinner has 5 equal sections marked 1 through 5. What is the probability of not landing on 4?

_____

11. There are 4 queens in a standard deck of 52 cards. You pick one card at random. What is the probability of not picking a queen?

_____

? ESSENTIAL QUESTION CHECK-IN

12. Describe an event that has a probability of 0% and an event that has a probability of 100%.

_____

_____

_____