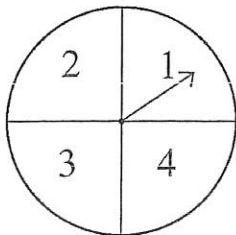


Probability Quiz Correctives

Multiple Choice

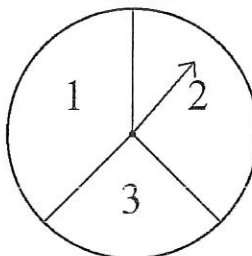
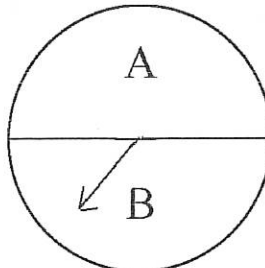
Identify the choice that best completes the statement or answers the question.

1. Choose *impossible*, *unlikely*, *as likely as not*, *likely*, or *certain* to describe the event.
The spinner lands on numbers 2, 3, or 4.



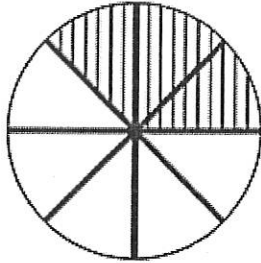
- a. As likely as not
b. Impossible
c. Unlikely
d. Likely
e. Certain
2. The local weather station reports that the chance of sleet is 0.34. Write this probability as a fraction and as a percent.
- a. $\frac{17}{25}$, 34%
b. $\frac{33}{50}$, 66%
c. $\frac{17}{50}$, 34%
d. $\frac{33}{25}$, 66%

3. A new bookstore gives every customer a free book. There is a 10% chance of getting a humor book, a 10% chance of getting a book of poems, a 70% chance of getting a mystery, and a 10% chance of getting a children's book. Is it more likely that a customer get a mystery or a humor book?
- a. The customer is more likely to get a mystery than a humor book.
b. The customer is more likely to get a humor book than a mystery.
c. The two types of books are equally likely.
4. For the experiment of spinning two spinners, identify the outcome shown.

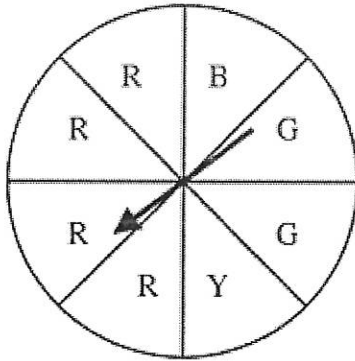


- a. outcome shown: A, 2
b. outcome shown: A, 3
c. outcome shown: B, 2
d. outcome shown: B, 1

10. If a randomly thrown dart hits the board below, what is the probability it will hit the shaded region? The board is divided into equal parts.

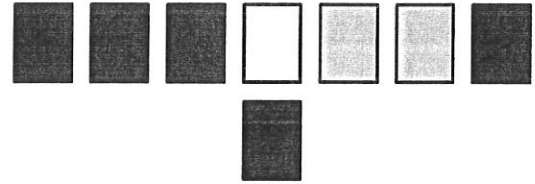


- a. none of these
 b. $\frac{5}{8}$
 c. $\frac{3}{8}$
 d. 3
11. If you spin the spinner, what is the probability of the pointer landing on R?

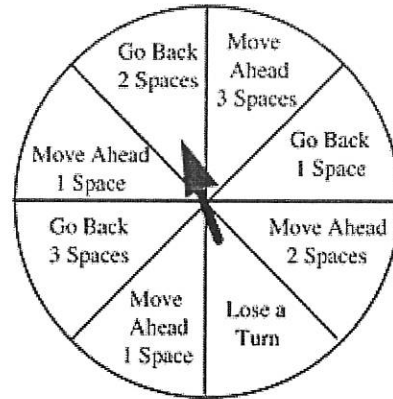


- a. $\frac{3}{8}$
 b. 1
 c. $\frac{1}{4}$
 d. $\frac{1}{2}$

12. Find the probability of picking a black card. Then tell whether the event is *impossible*, *unlikely*, *likely*, or *certain*.



- a. $\frac{5}{8}$, likely
 b. $\frac{1}{8}$, unlikely
 c. 0, impossible
 d. $\frac{1}{4}$, unlikely
13. It is Alicia's turn to spin in a game she is playing with her friends.



What is the probability that Alicia will get to move ahead on this spin?

- a. $\frac{3}{8}$
 b. $\frac{1}{2}$
 c. $\frac{1}{3}$
 d. $\frac{5}{8}$

Name: _____

ID: A

14. There are 10 crayons in a box. Only one of them is silver. A crayon is selected at random. Find the probability that it is *not* silver.

a. $\frac{9}{10}$

b. $\frac{1}{2}$

c. $\frac{1}{10}$

d. $\frac{4}{5}$

Short Answer

15. What fraction has an equal value of the following %'s?

20% _____

25% _____

33% _____

40% _____

50% _____

60% _____

75% _____

80% _____