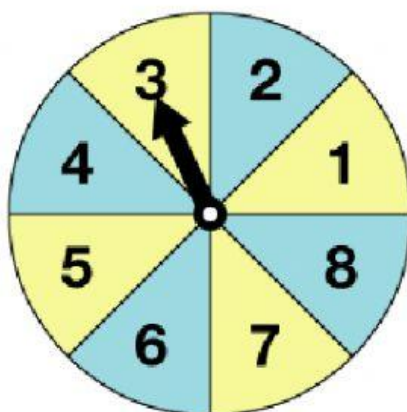




EXTRA PRACTICE WORKSHEET

Probability

1. Here is a fair 8-sided spinner.



Choose the correct answer for each question.

impossible

unlikely

even

likely

certain

- (a) What is the probability of landing on an even number?

- (b) What is the probability of landing on a number greater than 3?

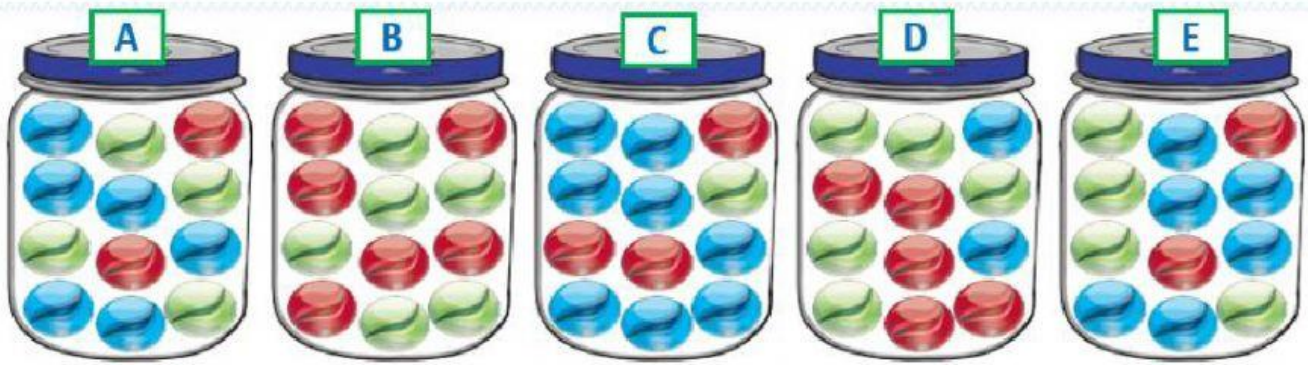
- (c) What is the probability of landing on a number less than 10?

- (d) What is the probability of landing on a prime number?

- (e) What is the probability of landing on a whole number?

- (f) What is the probability of landing on a fraction?

- (g) What is the probability of landing on a multiple of 3?



Lucy takes a marble from a jar without looking.

- a) Which jar gives Lucy the best chance of taking a green marble?
- b) Among the jars with red marbles, from which jar gives Lucy the best chance to take a red marble?
- c) Which jar gives Lucy an even chance of taking a green marble or a red marble?
- d) Which jar gives Lucy the best chance to take a blue marble ?

The marbles from the 5 jars are put into a bigger jar. Lucy takes a marble from the bigger jar.

- e) Which colour would least likely be taken by Lucy?

Red

Green

Blue