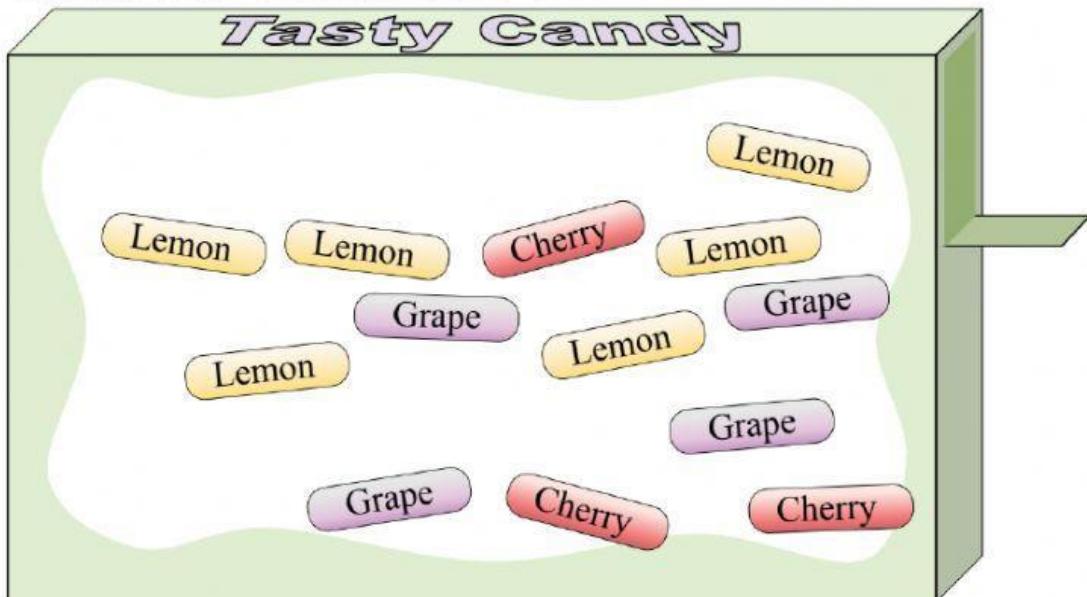


## Revision Unit -8

Use the candy box to solve each problem.



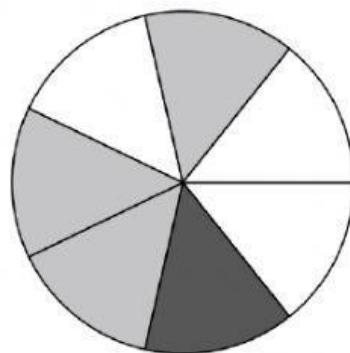
- 1) How many total pieces of candy are in the box?
- 2) What is the probability of selecting a cherry piece?
- 3) What is the probability of selecting a lemon piece?
- 4) What is the probability of selecting a grape piece?
- 5) If you picked 1 piece of candy out of the box which flavor would you have the highest probability of selecting?
- 6) Which flavor has the lowest probability of being selected?

## Q2. Solve

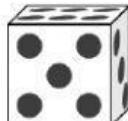
a)

Use each diagram to solve the problems.

- 1) How many pieces are there total in the spinner?
- 2) If you spun the spinner 1 time, what is the probability it would land on a gray piece?
- 3) If you spun the spinner 1 time, what is the probability it would land on a black piece?
- 4) If you spun the spinner 1 time, what is the probability it would land on a white piece?
- 5) If you spun the spinner 1 time, what is the probability of landing on either a gray piece or a black piece?



b)



- 6) If you were to roll the dice one time what is the probability it will land on a 3?
- 7) If you were to roll the dice one time what is the probability it will NOT land on a 6?
- 8) If you were to roll the dice one time, what is the probability of it landing on an even number?

c)

9) How many shapes are there total in the array?

10) If you were to select 1 shape at random from the array, what is the probability it will be a heart?

11) If you were to select 1 shape at random from the array, what shape do you have the greatest probability of selecting?

