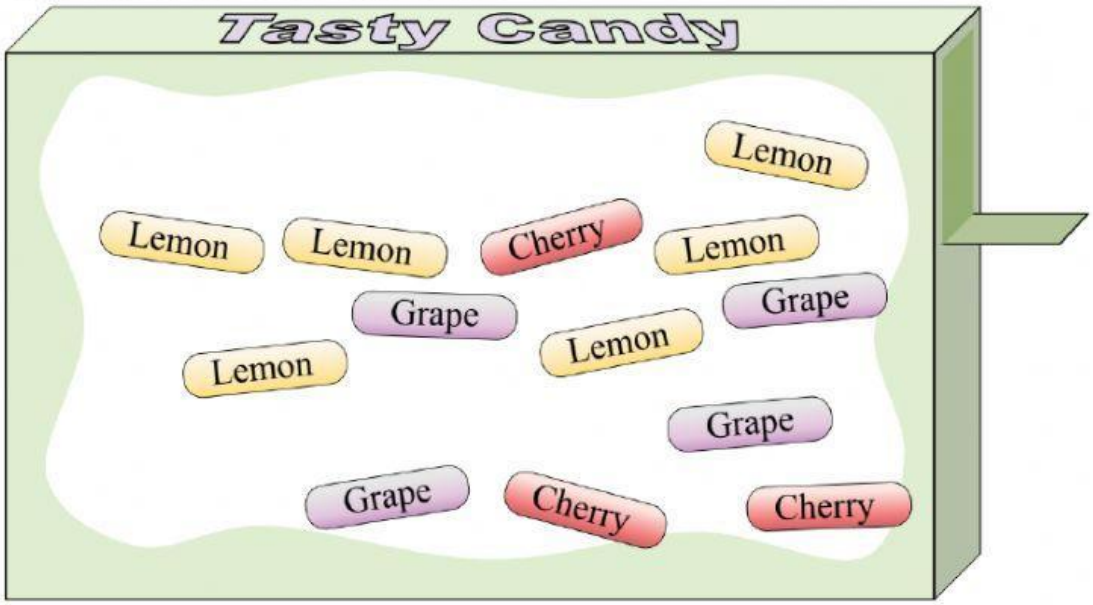
Revision Unit -8

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?

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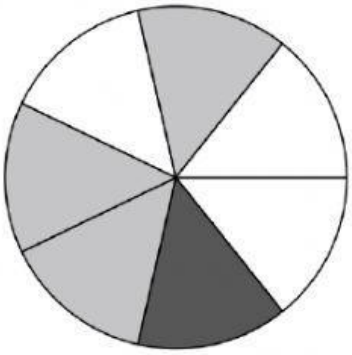
Q2. Solve

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)

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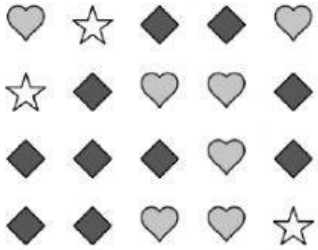
9) How many shapes are there total in the array?



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?

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