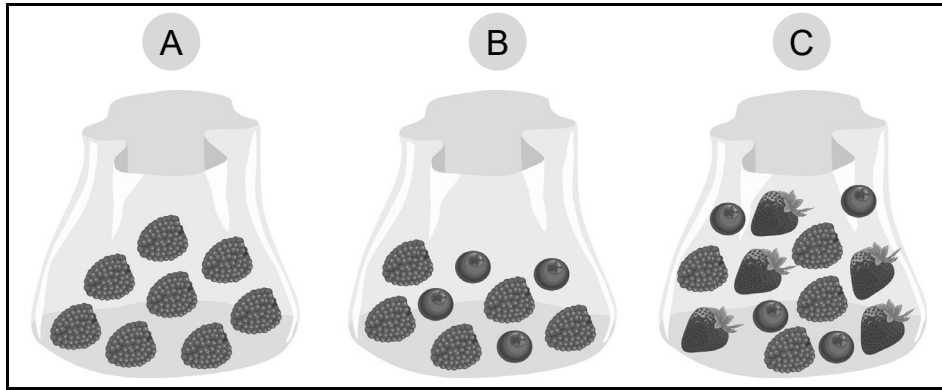


Handout**4 – 7**
Section 27

Reinforcement

Probability – Combinations**ANSWER
KEY**

1. Emily went berry picking. She put her berries in 3 bags.
Observe the contents of each bag and then **answer** the questions.

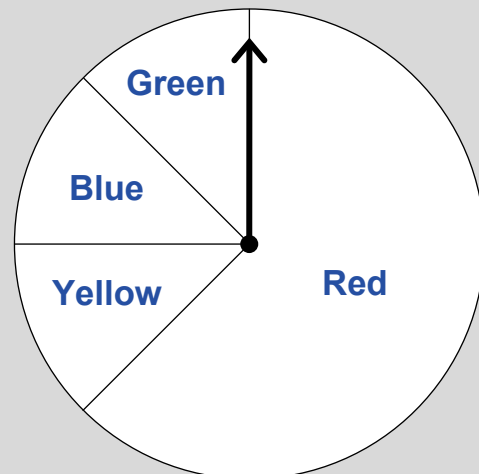


- a) From which bags is it possible to pick a blueberry?
b) From which bag are you certain to pick a raspberry?
c) From which bag is it possible to pick a strawberry?
d) From which bags is it impossible to pick a strawberry?

B and C**A****C****A and B**

2. **Colour** the spinner according to the description.

- The pointer is more likely to stop on a red section than on a green section.
- The pointer is equally likely to stop on a green, blue or yellow section.
- It is impossible for the pointer to stop on a pink section.



3. A group of 9 friends want to form teams of 2 to play a game. They want there to be 1 girl and 1 boy on each team. The 5th boy will act as referee.

a) **Fill in** the table with all the possible combinations.

		Girls			
		Pandora	Cora	Daphne	Ariana
Boys	Felix	Felix and Pandora	Felix and Cora	Felix and Daphne	Felix and Ariana
	Ian	Ian and Pandora	Ian and Cora	Ian and Daphne	Ian and Ariana
	Justin	Justin and Pandora	Justin and Cora	Justin and Daphne	Justin and Ariana
	Dylan	Dylan and Pandora	Dylan and Cora	Dylan and Daphne	Dylan and Ariana
	Noah	Noah and Pandora	Noah and Cora	Noah and Daphne	Noah and Ariana

b) How many possible combinations are there?

There are possible combinations.

