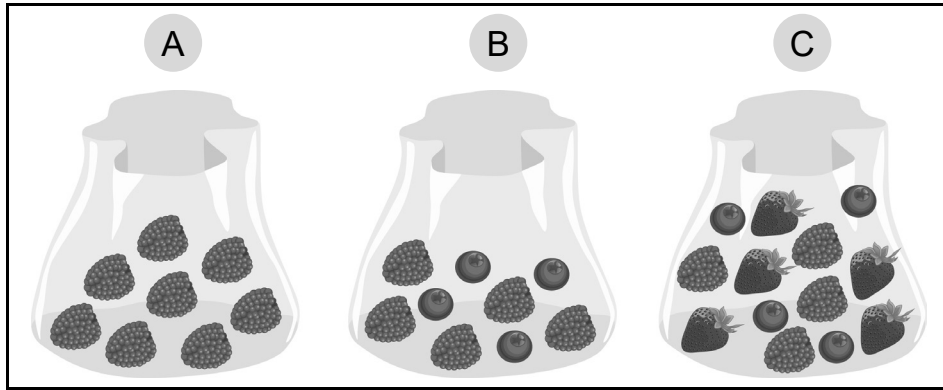


**Handout****4 – 7**  
Section 27**Reinforcement****Probability – Combinations**

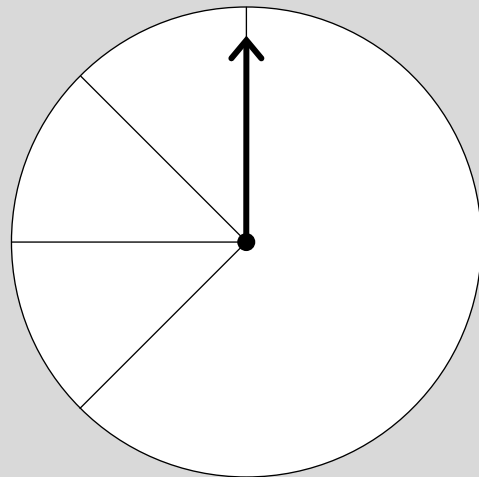
1. Emily went berry picking. She put her berries in 3 bags.  
**Observe** the contents of each bag and then **answer** the questions.



- 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?


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				
	Ian				
	Justin				
	Dylan				
	Noah				

b) How many possible combinations are there?

There are  possible combinations.

