Mrs W's Maths 16
Multiplying and dividing – problem solving part 1

1   A cafe has 2 types of bread and offers 3 fillings

Bread	Filling
white	cheese
brown	chicken
	tuna
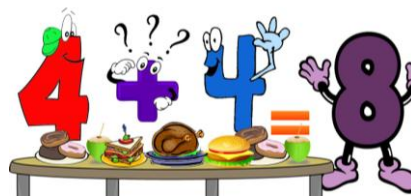
a) What are all the different sandwiches with one filling that you could have?
One has been done for you:
cheese on white _____

_____

_____

_____

b) Complete this multiplication to represent the number of different combinations

☐ X ☐ = ☐   There are _____ possible combinations.

c) How many combinations would there be if there were 4 filling choices?

☐ X ☐ = ☐   There are _____ possible combinations.

2   Year 5 & 6 are having a sports event. There are 79 children.

a) Mr Cook sorts them into teams of 3. Will there be any children left who are not in a team?

b) Miss Skinner suggests putting them in teams of 4? Will there be any children left who are not in a team?

c) Mr Webster thinks they should be in teams of 6. Will there be any children left out if they are in teams of 6?

d) Miss Ramsay says the children can have an ice-cream each. They come in packs of 5. How many boxes does she need so every child can have one?