25.01.21 - Challenge answers

1.

A canteen has 2 types of bread and a choice of
3 sandwich fillings.

Bread	Fillings
white	cheese
brown	tuna
	chicken

a) List the different sandwiches that can be made.

One has been done for you.

cheese on white	Cheese on brown
tuna on white	tuna on brown
Chicken on white	chicken on brown

b) Complete the multiplication to represent the number of
different combinations of bread and filling.

$\boxed{2} \times \boxed{3} = \boxed{6}$

Complete the sentence.

There are $\boxed{6}$ combinations.

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

2.

A pizzeria offers a choice of bases and toppings.

Pizza base	Toppings
deep pan	mushrooms
thin	chicken
	onion
	peppers
	sweetcorn

Complete the multiplication to work out how many different
combinations of pizza there are.

$\boxed{2} \times \boxed{5} = \boxed{10}$

Complete the sentence.

There are $\boxed{10}$ combinations of pizza.