**MAT150 Statistics Assignment #7 (Optional)** [**www.helpyourmath.com/150.5**](http://www.helpyourmath.com/150.5)

1. A restaurant offers five sizes of pizza, three types of crust, and six toppings. How many possible combinations of pizza with one topping are there?

1. How many ways can 5 people be lined up to get on a train?

1. A lock has five dials. On each dial are letters from A to Z. How many possible combinations are there?



1. BMCC ID has 8 numbers.

* 1. If the same number can be repeated, how many can be made?

* 1. If the same number CANNOT be repeated, how many can be made?