

# C12 - 11.7 - Identical Objects $nPr$ $nCr$ $n!$ WS **No repeats**

Solve. List if under ten combinations.

How many different words can we make from the letters NOSE?

How many different words can we make from the letters SOON?

How many different words can we make from the letters TOTO?

How many different words can we make from the letters DID?

How many different words can we make from the letters MISSISSIPPI?

How many different words can we make from the letters STATISTICS?

How many words can we make from the letters ECONOMICS?

How many words can we make from the letters SUPERCALIFRAGILISTICEXPIALIDOCIOUS?

If you must walk 10 blocks east and 10 blocks south to get to school and you may only travel east and south, how many different ways can you walk to school?