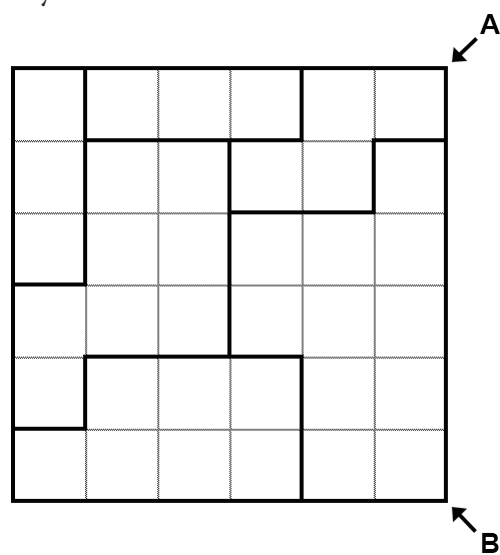
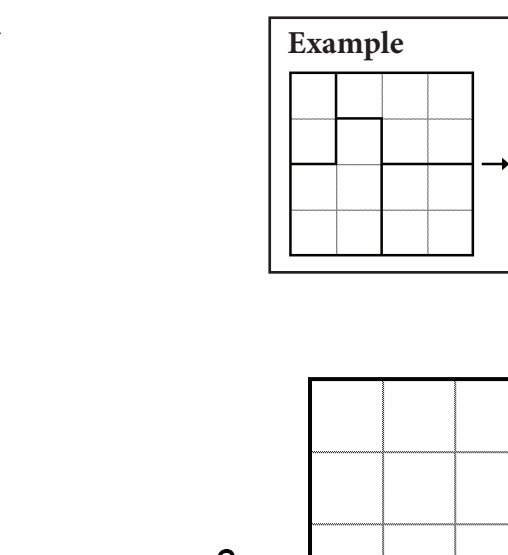


Viruses have caused pandemics throughout history. Smallpox is one of the worst, having killed an estimated 500 million people worldwide. The first modern vaccine was created by Edward Jenner in 1796 to prevent smallpox. Due to his efforts, and those of many other people, the smallpox virus has now been eradicated. Scientists around the world are working hard to produce vaccines to help prevent current and future pandemics.

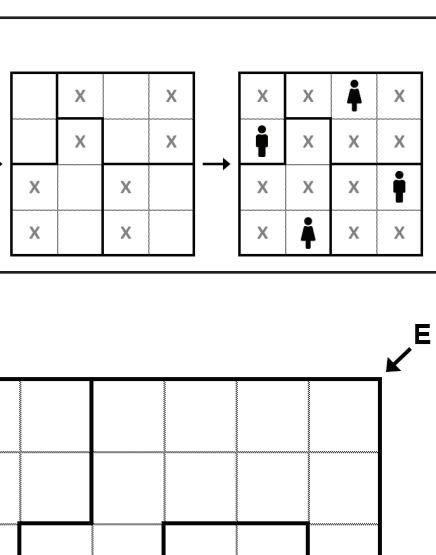
In the puzzles below, you are given an office floor plan containing several cubicles of various sizes where people work. To prevent the spread of a virus, strict social distancing guidelines must be adhered to. Only one person may work in any cubicle and the square that they sit in must not be touching a square occupied by another person, not even diagonally. Additionally, because of the way the air conditioning blows, only one person may sit in any row or column.



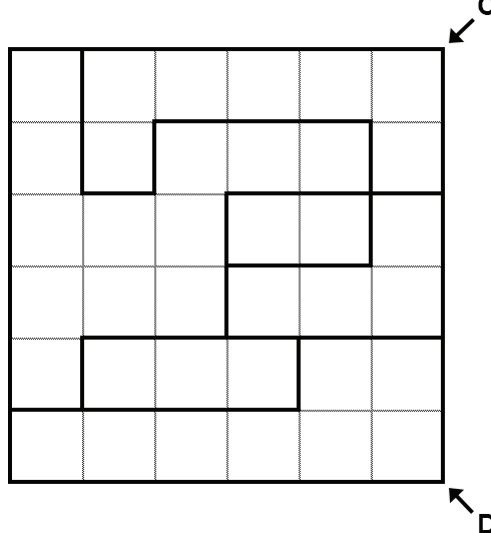
A



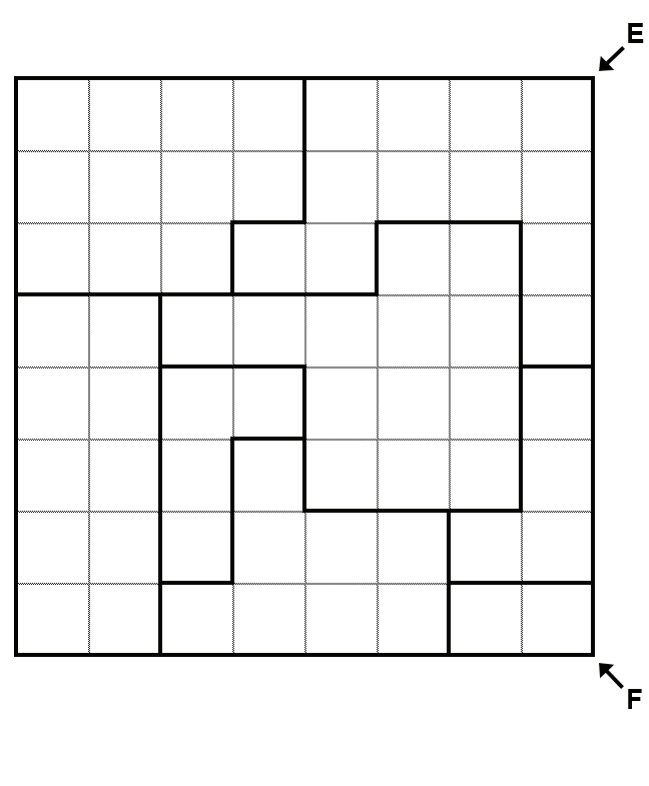
B



C

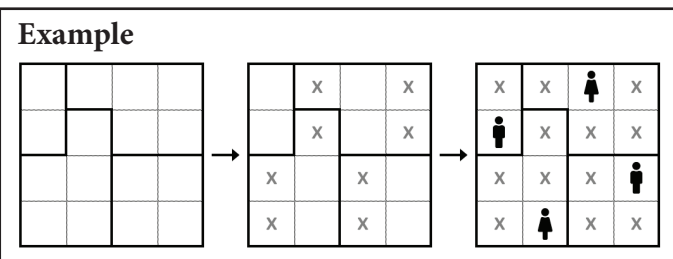


D



E

Example



When you are finished, count the number of people along each diagonal and write them in the proper spaces below. This 6 digit number is the answer to the puzzle.

A B C D E F