In-class Practice: Compare in MasterMind

The response to a guess in MasterMind is two numbers: Black is the number of positions where the guess and secret coincide, and White is the number of the pegs in the guess that are "correct but in the incorrect position".

One strategy to produce these is to first calculate the Black number while "crossing out" the pegs involved. Then, in order to calculate the White number, iterate through the pegs and whenever you find a match, again "cross out" the pair. We store both the secret and the guess as a vector of 4 numbers, each of which is in the range 1 to 6. Create a suitable function.

function [ B, W ] = comparePractice( guess, secret )