1. Rules – 9 digits not repeated:
   1. In any full row
   2. In any full column
   3. Anywhere within a 3 x 3 grid
2. Generate a frequency count of digits in 1, 9, 8, 7 … 2 sequence.
3. Find the digit that is populate the most already.
4. Find 1’s anywhere where there are at least 3
   1. For each 3 x 3 grid that does not have a 1
   2. Find a unique cell that can accommodate a 1 without violating the full row + full column rules.
5. Do 9 through 2 in reverse sequence
6. Once a given 3 x 3 cube has been successfully populated with 5 numbers, we can switch to “fast break” mode:
   1. Find the 3 x 3 grid with the most full row, full column or 3 x 3 grid.
   2. For each number missing from that 3 x 3 grid:
      1. Look at the eligible list for a cell and see which numbers, if any, can be removed from the eligible list.
      2. If after removing numbers from the list there is only one number left, assign that number to the cell.