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CSC384
Assignment 2
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Q1.
Yes, Model 2 is more effective in pruning the variable domains.

Q2.
Model 1:
972 = 9*(9*8/2)*3 --- if we treat V11, V12 in row, sub square as two constraints or
810 = 9*(9*8/2)*2 + 9*(9*4/2) --- if we treat V11, V12 in row, sub square as one constraint
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Q3.

Model 1:

Model 2: 27 = 9 * 3

72 = 9 * 8

Model 2:

362880 = 9!

Q4.

Model 1:

559872 = 972 * 72 * 4 * 2

or

466560 = 810 * 72 * 4 * 2

Model 2:

352719360 = 27 * 362880 * 4 * 9