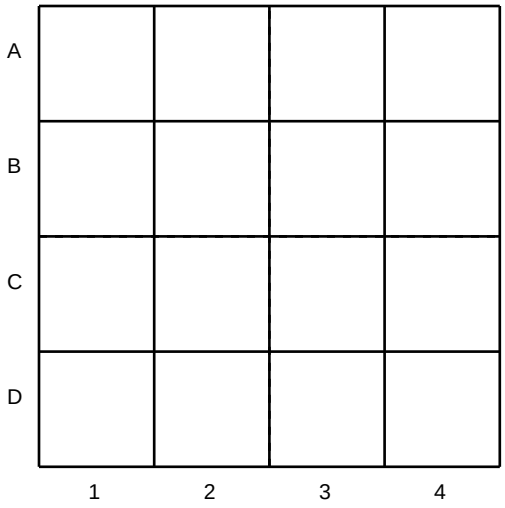
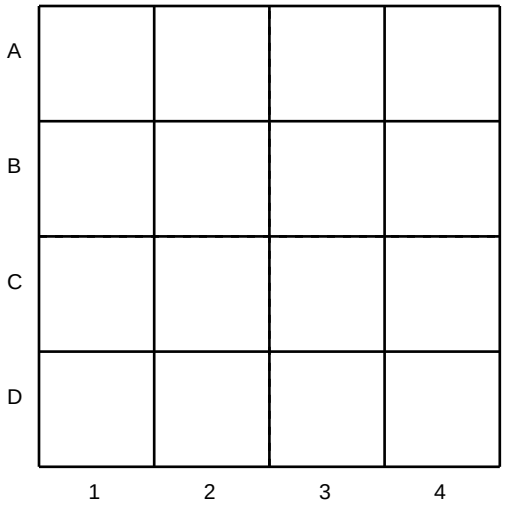
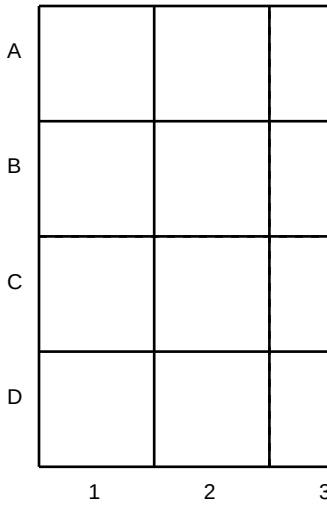
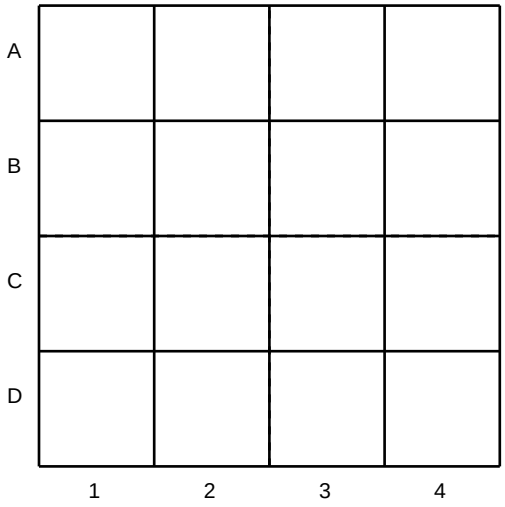
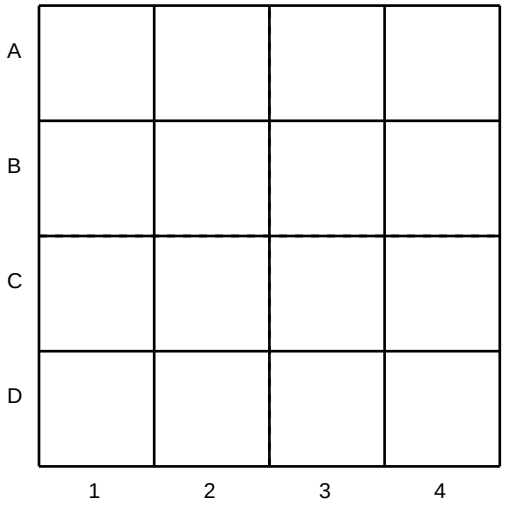
CQE n=1→n=5 — Blank Boards (print & copy)

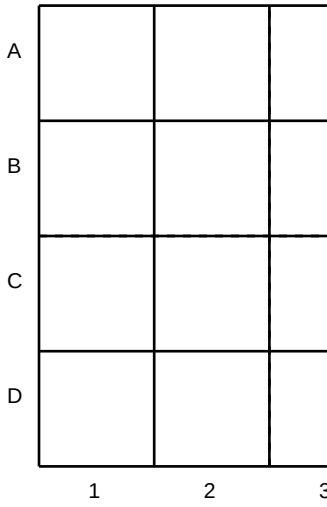










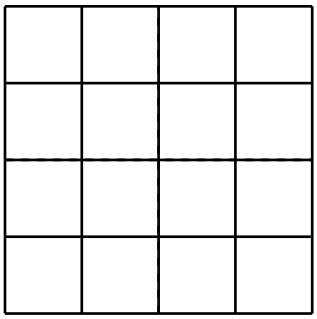


Step Log Template (copy for each run)

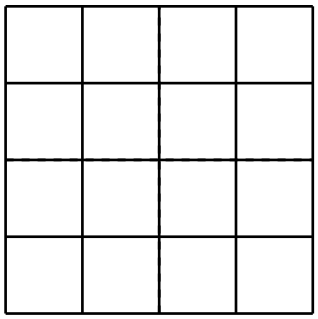
Step	Even/Odd OK?	Mirror OK?	Tick OK?	Path OK?	Defects (↓ is good)	Snap?	Counters (2,4,8)
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

n=5 Worksheet — 16 trials (one per empty square)

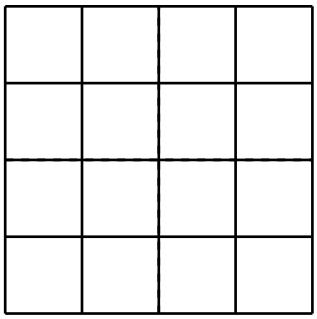
Fill a single ‘5’, allow one local repair if needed, then circle: Palindrome? YES / NO



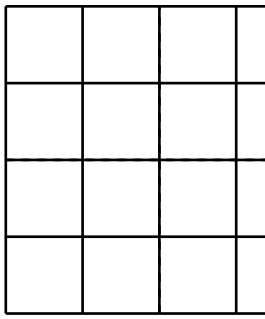
Trial 1: Pal? YES NO



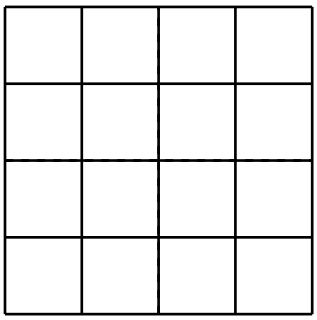
Trial 2: Pal? YES NO



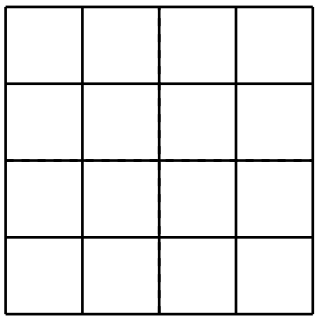
Trial 3: Pal? YES NO



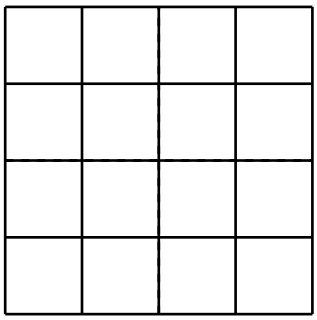
Trial 4: Pal? YES NO



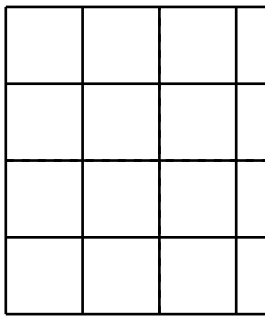
Trial 5: Pal? YES NO



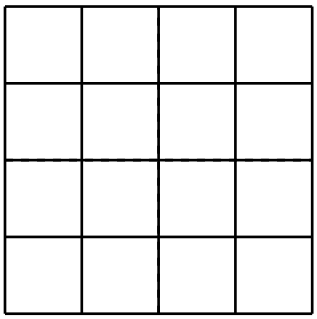
Trial 6: Pal? YES NO



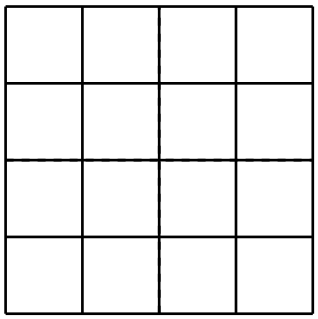
Trial 7: Pal? YES NO



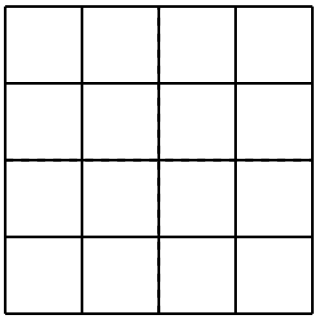
Trial 8: Pal? YES NO



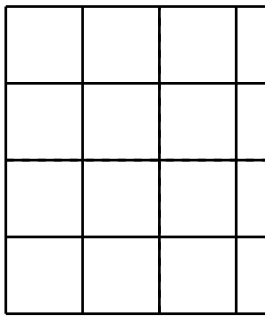
Trial 9: Pal? YES NO



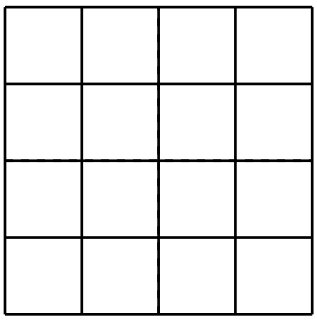
Trial 10: Pal? YES NO



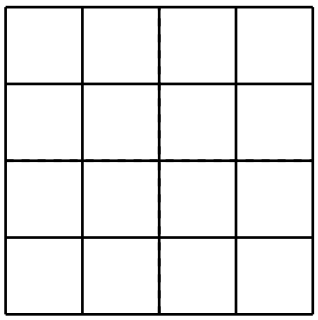
Trial 11: Pal? YES NO



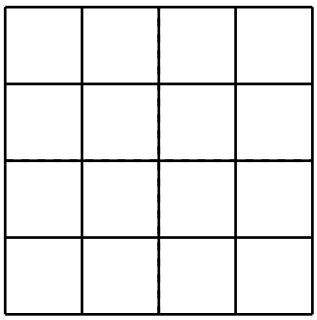
Trial 12: Pal? YES NO



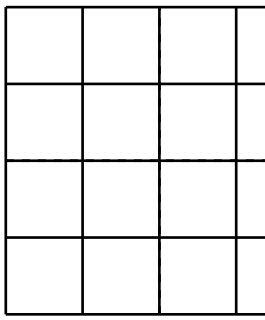
Trial 13: Pal? YES NO



Trial 14: Pal? YES NO



Trial 15: Pal? YES NO



Trial 16: Pal? YES NO

n=5 Class Grouping (group the 16 outcomes into 8 rotation/flip classes)

Class 1: members → _____, _____, _____, _____ Palindromic after repair? YES / NO

Class 2: members → _____, _____, _____, _____ Palindromic after repair? YES / NO

Class 3: members → _____, _____, _____, _____ Palindromic after repair? YES / NO

Class 4: members → _____, _____, _____, _____ Palindromic after repair? YES / NO

Class 5: members → _____, _____, _____, _____ Palindromic after repair? YES / NO

Class 6: members → _____, _____, _____, _____ Palindromic after repair? YES / NO

Class 7: members → _____, _____, _____, _____ Palindromic after repair? YES / NO

Class 8: members → _____, _____, _____, _____ Palindromic after repair? YES / NO