



A 15x15 grid with numbers 1-7 in various cells, representing a puzzle state. The numbers are distributed as follows (row by row):

- Row 1: (1,1)=1, (1,3)=5, (1,5)=3, (1,7)=1, (1,9)=2, (1,11)=3, (1,13)=1, (1,15)=1
- Row 2: (2,2)=2, (2,4)=3, (2,6)=5, (2,8)=1, (2,10)=3, (2,12)=4, (2,14)=1, (2,15)=2
- Row 3: (3,1)=2, (3,3)=2, (3,5)=2, (3,7)=3, (3,9)=1, (3,11)=4, (3,13)=5, (3,15)=3
- Row 4: (4,2)=2, (4,4)=1, (4,6)=2, (4,8)=2, (4,10)=3, (4,12)=4, (4,14)=3
- Row 5: (5,1)=4, (5,3)=2, (5,5)=4, (5,7)=2, (5,9)=7, (5,11)=4, (5,13)=1, (5,15)=4
- Row 6: (6,4)=1, (6,6)=3, (6,8)=3, (6,10)=2, (6,12)=7, (6,14)=2, (6,15)=5
- Row 7: (7,2)=4, (7,4)=6, (7,6)=3, (7,8)=3, (7,10)=3, (7,12)=2, (7,14)=4, (7,15)=4
- Row 8: (8,1)=6, (8,3)=1, (8,5)=2, (8,7)=7, (8,9)=5, (8,11)=3, (8,13)=1, (8,15)=4
- Row 9: (9,2)=3, (9,4)=5, (9,6)=3, (9,8)=2, (9,10)=4, (9,12)=3, (9,14)=2, (9,15)=5
- Row 10: (10,1)=5, (10,3)=5, (10,5)=2, (10,7)=3, (10,9)=5, (10,11)=1, (10,13)=6, (10,15)=3
- Row 11: (11,2)=4, (11,4)=2, (11,6)=4, (11,8)=1, (11,10)=2, (11,12)=3, (11,14)=2, (11,15)=3
- Row 12: (12,1)=3, (12,3)=1, (12,5)=2, (12,7)=3, (12,9)=1, (12,11)=1, (12,13)=2, (12,15)=3
- Row 13: (13,2)=2, (13,4)=4, (13,6)=2, (13,8)=3, (13,10)=7, (13,12)=4, (13,14)=1, (13,15)=2
- Row 14: (14,1)=1, (14,3)=3, (14,5)=5, (14,7)=3, (14,9)=1, (14,11)=3, (14,13)=2, (14,15)=3
- Row 15: (15,2)=2, (15,4)=2, (15,6)=2, (15,8)=2, (15,10)=2, (15,12)=2, (15,14)=2, (15,15)=2