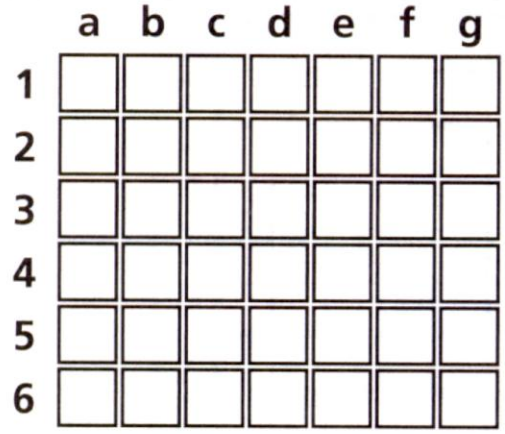
Tetris Grid Logic

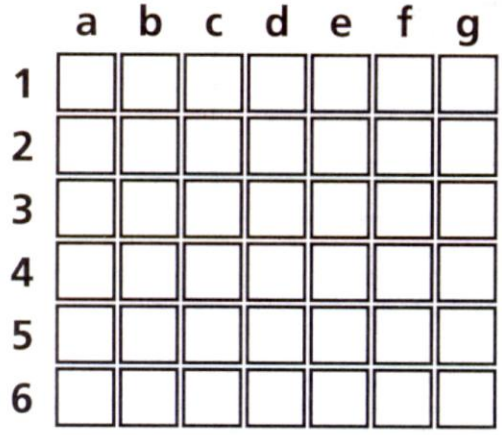
In each of these puzzles, your goal is to position one of each of the five Tetris figures, as shown at the top of the next page, into the grid, obeying the four clues given. The pieces can be rotated or flipped, but no two pieces should ever touch, not even diagonally.

PUZZLE 1



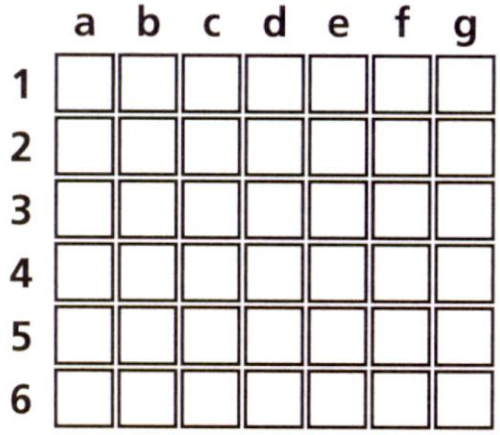
1. Column e has no occupied cells.
2. Cell g1 is the only unoccupied corner cell.
3. Cell d4 is the corner cell of the L-piece.
4. Columns c and d have the same number of occupied cells.

PUZZLE 2



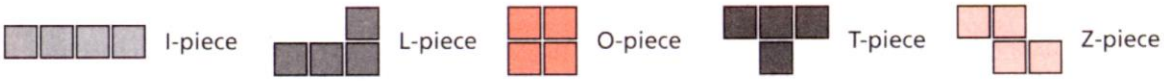
1. Row 3 has only one occupied cell.
2. Cell a6 is the only unoccupied corner cell.
3. Each of columns c, d, and f has only one occupied cell.
4. Rows 1 and 5 have the same number of occupied cells.

PUZZLE 3

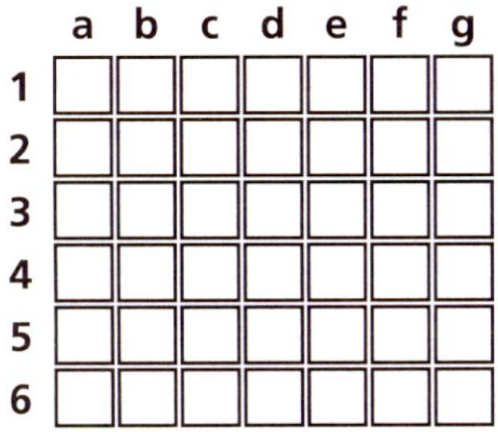


1. Rows 1 and 6 have the same number of occupied cells, as do rows 2 and 4, and rows 3 and 5. Rows 1, 2, and 3 have three different numbers of occupied cells. Every row has at least two occupied cells.
2. Two diagonally opposite corner cells are occupied, and the other two are unoccupied.
3. Column c has no occupied cells.
4. Only one piece occupies any cell or cells in row 2.

BY J. MARK THOMPSON

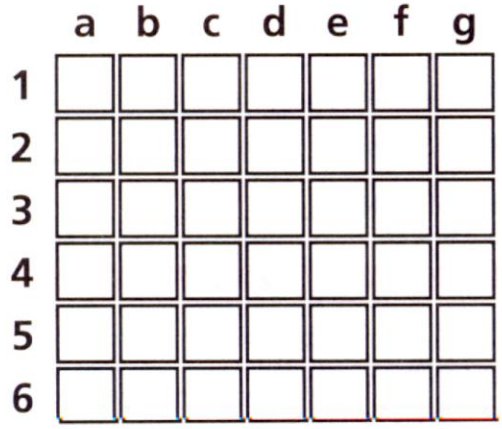


PUZZLE 4



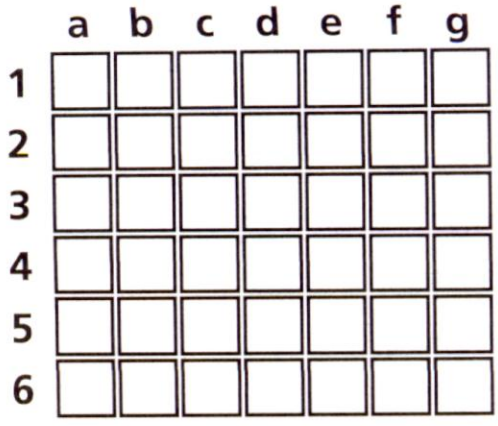
1. Only one corner is unoccupied, surrounded by occupied cells of the Z-piece.
2. The T-piece touches no border cells.
3. Row 5 and column c each have only one occupied cell. All other rows and columns have more than one occupied cell.
4. Row 6 has only one unoccupied cell.

PUZZLE 5



1. Two corners in the same horizontal row are unoccupied. The other two corners are occupied.
2. Rows 4, 5, and 6 all have the same number of occupied cells. No other rows have this number of occupied cells, nor does any other pair of rows have the same number of occupied cells as each other.
3. Every column occupied by any cell of the L-piece is also occupied by the T-piece, and any column with a cell occupied by the O-piece is also occupied by the Z-piece.
4. Every cell of column c except one is occupied. Only one cell of column e is occupied. The unoccupied cell in column c and the occupied cell in column e are in the same row.

PUZZLE 6



1. The Z- and L-pieces occupy diagonally opposite corner cells.
2. The O- and T-pieces occupy diagonally opposite corner cells.
3. Exactly four cells each in columns a, b, d, and g are occupied.
4. Row 1 has five occupied cells.