

CASE NAME: LOGIC SQUARE
ATTENDING OFFICER(S): MIKE JANNEY
CHICAGO POLICE DEPARTMENT
CRIME LOCATION: LINCOLN SQUARE



- 1) No color shares a row or column with the same color.
- 2) No color has fewer than three unique letters, or more than four.
- 3) There are twelve different letters used. Four letters are used only once.
- 4) All instances of the letters A, G, and I share the same color.
- 5) All instances of the letters D, H, and P share the same color.
- 6) Half of the R's are yellow, and half are blue.
- 7) Half of the E's are orange, and half are blue.
- 8) Half of the N's are orange, and half are yellow.
- 9) Half of the S's are orange, and half are yellow.
- 10) Half of the T's are orange, and half are green.
- 11) The D's are immediately left of orange squares.
- 12) The D's are in adjacent columns.
- 13) The A's are immediately right of blue squares.
- 14) The A's are in adjacent rows.
- 15) All E's are orthogonally adjacent to red squares.
- 16) There is an A somewhere left of a D.
- 17) There is an A somewhere above a D.
- 18) There are two R's in the bottom row.
- 19) There are two O's in the leftmost column.
- 20) There are two E's in the second column from the left.
- 21) All rows and columns not already mentioned have five distinct letters.
- 22) There is a G which is both immediately right of an orange square and immediately below an orange square.
- 23) There is an H which is both immediately left of an orange square and immediately above an orange square.
- 24) There is an O which is both immediately left of a blue square and immediately above a blue square.
- 25) There is an O which is both immediately right of an E and immediately above an E.
- 26) There is an E which is both immediately above an S and immediately left of an S.
- 27) There is an O immediately above another O.
- 28) There is an E immediately above another E.
- 29) There is a 2x2 block containing only yellow and blue. This block contains four different letters.
- 30) Both diagonals have four distinct colors. Blue is duplicated in both.
- 31) There is no yellow in the diagonal running from lower left to upper right.
The letters on the ends of this diagonal are T and O in some order.
- 32) There is no green in the diagonal running from upper left to lower right.
The letters on the ends of this diagonal are both R.
- 33) The center square is blue.
- 34) There is one R in each quadrant; quadrants do not contain the center row or center column.