

Odd on top, even on bottom (reversed)

|    |    |    |   |
|----|----|----|---|
| 15 | 13 | 11 | 9 |
| 1  | 3  | 5  | 7 |
| 14 | 12 | 10 | 8 |
| 2  | 4  | 6  |   |

Odd left even right

|    |    |    |    |
|----|----|----|----|
| 1  | 3  | 2  | 4  |
| 5  | 7  | 6  | 8  |
| 9  | 11 | 10 | 12 |
| 13 | 15 | 14 |    |

Zigzag 1 to 15

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 5  | 6  |
| 3  | 4  | 7  | 8  |
| 9  | 10 | 13 | 14 |
| 11 | 12 | 15 |    |

Zigzag on left continuous on right

|   |   |    |    |
|---|---|----|----|
| 1 | 2 | 14 | 13 |
| 3 | 4 | 12 | 15 |
| 5 | 6 |    | 11 |
| 7 | 8 | 9  | 10 |

Adds to 30 in all directions

|    |    |    |    |
|----|----|----|----|
| 12 | 2  | 1  | 15 |
| 7  | 9  | 10 | 4  |
| 11 | 5  | 6  | 8  |
| 14 | 13 | 3  |    |

Around the edges

|    |    |    |   |
|----|----|----|---|
| 1  | 2  | 3  | 4 |
| 12 | 13 | 14 | 5 |
| 11 |    | 15 | 6 |
| 10 | 9  | 8  | 7 |

Around the edges odd and even

|   |    |    |    |
|---|----|----|----|
| 1 | 3  | 5  | 7  |
| 8 | 10 | 12 | 9  |
| 6 |    | 14 | 11 |
| 4 | 2  | 15 | 13 |

Novel "edge" problem from center

|    |    |    |    |
|----|----|----|----|
| 4  | 5  | 6  | 7  |
| 3  | 2  | 1  | 8  |
| 14 | 15 |    | 9  |
| 13 | 12 | 11 | 10 |

IMPOSSIBLE PROBLEMS

|    |    |    |    |
|----|----|----|----|
| 15 | 14 | 13 | 12 |
| 11 | 10 | 9  | 8  |
| 7  | 6  | 5  | 4  |
| 3  | 2  | 1  |    |

|    |    |    |   |
|----|----|----|---|
| 10 | 9  | 8  | 7 |
| 11 |    | 15 | 6 |
| 12 | 13 | 14 | 5 |
| 1  | 2  | 3  | 4 |

IMPOSSIBLE PROBLEMS

|   |   |    |    |
|---|---|----|----|
| 1 | 8 | 9  |    |
| 2 | 7 | 10 | 15 |
| 3 | 6 | 11 | 14 |
| 4 | 5 | 12 | 13 |

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 4  | 7  |
| 3  | 5  | 8  | 11 |
| 6  | 9  | 12 | 14 |
| 10 | 13 | 15 |    |

Alternate odd line and even line

|    |    |    |    |
|----|----|----|----|
| 1  | 3  | 5  | 7  |
| 2  | 4  | 6  | 8  |
| 9  | 11 | 13 | 15 |
| 10 | 12 | 14 |    |

Alternating right to left

|    |    |    |    |
|----|----|----|----|
| 2  | 4  | 1  | 3  |
| 6  | 8  | 5  | 7  |
| 10 | 12 | 9  | 11 |
| 14 |    | 13 | 15 |

Zigzag down left up right

|   |   |    |    |
|---|---|----|----|
| 1 | 2 |    | 15 |
| 3 | 4 | 13 | 14 |
| 5 | 6 | 12 | 11 |
| 7 | 8 | 9  | 10 |

Adds to 34 in all directions (count blank as 16)

|    |    |    |    |
|----|----|----|----|
| 13 | 1  | 12 | 8  |
| 4  |    | 5  | 9  |
| 7  | 11 | 2  | 14 |
| 10 | 6  | 15 | 3  |

Around the edges from bottom

|   |    |    |    |
|---|----|----|----|
| 7 | 8  | 9  | 10 |
| 6 | 15 |    | 11 |
| 5 | 14 | 13 | 12 |
| 4 | 3  | 2  | 1  |

Around the edges from bottom up

|    |    |    |   |
|----|----|----|---|
| 7  | 6  | 5  | 4 |
| 8  | 15 | 14 | 3 |
| 9  |    | 13 | 2 |
| 10 | 11 | 12 | 1 |

Checkerboard 1-3-5-7 in corners

|    |    |    |   |
|----|----|----|---|
| 1  | 2  | 4  | 3 |
|    | 9  | 11 | 6 |
| 14 | 13 | 15 | 8 |
| 5  | 12 | 10 | 7 |

Up and down and around

|    |    |    |    |
|----|----|----|----|
| 13 | 12 | 11 | 10 |
| 14 | 3  | 4  | 9  |
| 15 | 2  | 5  | 8  |
|    | 1  | 6  | 7  |

|    |    |    |   |
|----|----|----|---|
|    | 14 | 11 | 7 |
| 15 | 12 | 8  | 4 |
| 13 | 9  | 5  | 2 |
| 10 | 6  | 3  | 1 |

|   |    |    |    |
|---|----|----|----|
| 4 | 3  | 2  | 1  |
| 5 | 14 | 13 | 12 |
| 6 | 15 |    | 11 |
| 7 | 8  | 9  | 10 |

|    |    |    |   |
|----|----|----|---|
| 15 | 13 | 11 | 9 |
| 7  | 5  | 3  | 1 |
| 14 | 12 | 10 | 8 |
| 6  | 4  | 2  |   |

|    |    |    |    |
|----|----|----|----|
|    | 1  | 2  | 3  |
| 4  | 5  | 6  | 7  |
| 8  | 9  | 10 | 11 |
| 12 | 13 | 14 | 15 |

# Fifteen Puzzle

The Ultimate in Puzzle Games

• The most fascinating—and baffling puzzle game ever invented.

• There are over a TRILLION possible combinations of the numbers 1 to 15—which should give you a fair idea of how much entertainment awaits you as the owner of a *Fifteen Puzzle*.

• The *Fifteen Puzzle* is the greatest amusement value of all time—as it would take more than TWO MILLION

years to solve all the problems—if you completed a new combination every minute.

• In playing with the *Fifteen Puzzle*, the idea is first to try to duplicate all the possible problems in this booklet (the impossible ones are for skeptics and may be used to baffle your friends).

• When you've worked out all the problems in the booklet, you're ready to have some real fun with the *Fifteen Puzzle*. Write the numbers 1 to 15 in any combination on a sheet of paper—then try to duplicate it on the game. You'll never know until you try whether it's a possible or an impossible problem.

• Arrange a *Fifteen Puzzle* party (they're the rage in London, Paris,

Berlin, Rome, Madrid, and Cairo)—see who can go from one combination to another in the least number of moves.

• You're never alone with a *Fifteen Puzzle*. Whenever you find yourself with a few minutes to spare, play the *Fifteen Puzzle*—your hands are your table. Carry it with you always in your purse or pocket.

• The *Fifteen Puzzle* is indispensable for commuters, convalescents, travelers, puzzle fans—adult or juvenile. You will want one for each member of your household to keep peace in the family.

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From 1 to 15

|    |    |    |    |
|----|----|----|----|
| 1  | 2  | 3  | 4  |
| 5  | 6  | 7  | 8  |
| 9  | 10 | 11 | 12 |
| 13 | 14 | 15 |    |

1 to 15 from top to bottom

|   |   |    |    |
|---|---|----|----|
| 1 | 5 | 9  | 13 |
| 2 | 6 | 10 | 14 |
| 3 | 7 | 11 | 15 |
| 4 | 8 | 12 |    |

From 15 to 1

|    |    |    |    |
|----|----|----|----|
|    | 15 | 14 | 13 |
| 12 | 11 | 10 | 9  |
| 8  | 7  | 6  | 5  |
| 4  | 3  | 2  | 1  |

15 to 1 from top to bottom

|    |    |    |    |
|----|----|----|----|
| 12 | 13 | 14 | 15 |
| 8  | 9  | 10 | 11 |
| 4  | 5  | 6  | 7  |
| 1  | 2  | 3  |    |

1 to 15 vertical from bottom to top

|    |    |   |   |
|----|----|---|---|
|    | 12 | 8 | 4 |
| 15 | 11 | 7 | 3 |
| 14 | 10 | 6 | 2 |
| 13 | 9  | 5 | 1 |

1 to 15 continuous from bottom to top

|   |   |    |    |
|---|---|----|----|
| 4 | 5 | 12 | 13 |
| 3 | 6 | 11 | 14 |
| 2 | 7 | 10 | 15 |
| 1 | 8 | 9  |    |

1 to 15 (right-hand corner) from top to bottom

|    |    |    |    |
|----|----|----|----|
| 4  | 3  | 2  | 1  |
| 8  | 7  | 6  | 5  |
| 12 | 11 | 10 | 9  |
|    | 13 | 14 | 15 |

1 to 15 continuous (reversed) from top to bottom

|    |    |   |   |
|----|----|---|---|
|    | 9  | 8 | 1 |
| 15 | 10 | 7 | 2 |
| 14 | 11 | 6 | 3 |
| 13 | 12 | 5 | 4 |

1 to 15 horizontal from bottom to top

|   |    |    |    |
|---|----|----|----|
|   | 15 | 14 | 13 |
| 9 | 10 | 11 | 12 |
| 5 | 6  | 7  | 8  |
| 1 | 2  | 3  | 4  |

Diagonal from lower left-hand corner

|   |    |    |    |
|---|----|----|----|
| 7 | 11 | 14 |    |
| 4 | 8  | 12 | 15 |
| 2 | 5  | 9  | 13 |
| 1 | 3  | 6  | 10 |

1 to 15 around and in and out

|    |    |    |   |
|----|----|----|---|
| 1  | 2  | 3  |   |
| 15 | 14 | 13 | 4 |
| 10 | 11 | 12 | 5 |
| 9  | 8  | 7  | 6 |

Diagonal from upper right-hand corner

|    |    |    |    |
|----|----|----|----|
| 7  | 4  | 2  | 1  |
| 11 | 8  | 5  | 3  |
| 14 | 12 | 9  | 6  |
|    | 15 | 13 | 10 |

Left spiral from center

|   |    |    |    |
|---|----|----|----|
| 7 | 8  | 9  | 10 |
| 6 | 1  | 2  | 11 |
| 5 | 4  | 3  | 12 |
|   | 15 | 14 | 13 |

Odd on top even on bottom

|    |    |    |    |
|----|----|----|----|
| 1  | 3  | 5  | 7  |
| 9  | 11 | 13 | 15 |
| 2  | 4  | 6  | 8  |
| 10 | 12 | 14 |    |

Right spiral from center

|    |    |    |   |
|----|----|----|---|
| 13 | 14 | 15 |   |
| 12 | 3  | 4  | 5 |
| 11 | 2  | 1  | 6 |
| 10 | 9  | 8  | 7 |

Even on top odd on bottom

|    |    |    |    |
|----|----|----|----|
| 2  | 4  | 6  | 8  |
| 10 | 12 | 14 |    |
| 1  | 3  | 5  | 7  |
| 9  | 11 | 13 | 15 |

