

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 |

Known the

8 to adult

Fifteen Puzzle

world over!