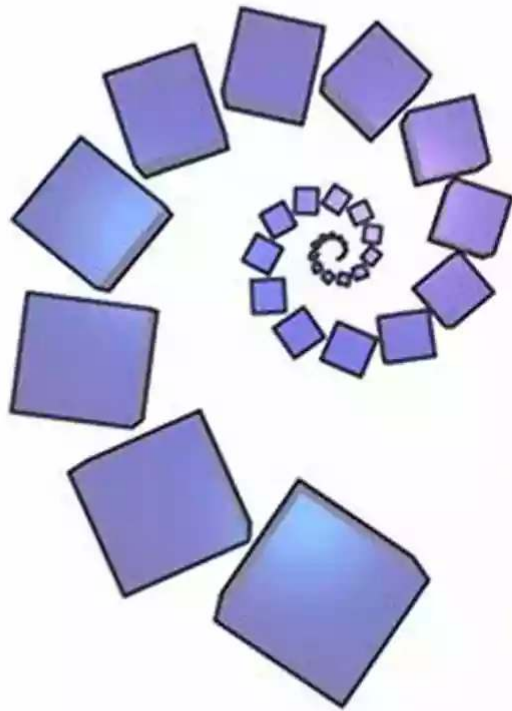


# Fifteen Cards Activity Sheet Nrich - Unlocking the Secrets of Mathematical Puzzles!



**nrich**  
nrich.maths.org

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Are you ready to engage your mind in a thrilling mathematical challenge? Look no further than the Fifteen Cards Activity Sheet on Nrich. This activity will not only

test your problem-solving skills but also provide an opportunity to explore the fascinating world of mathematical puzzles.

## The Puzzle:

The Fifteen Cards Activity Sheet is a deceptively simple yet intellectually stimulating puzzle. It consists of a grid with fifteen cards, numbered from 1 to 15. The aim of the puzzle is to arrange the cards in such a way that they are ordered sequentially, from left to right and top to bottom.



## Fifteen Cards Activity Sheet

by NRich([Print Replica] Kindle Edition)

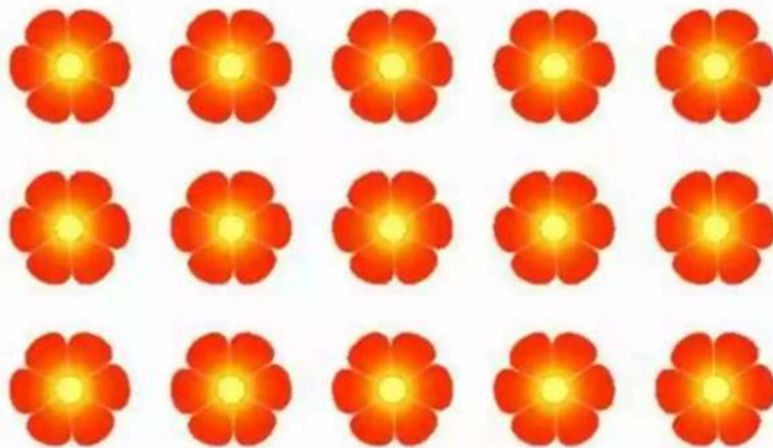
★★★★☆ 4.1 out of 5

Language : English

File size : 327 KB



# 15



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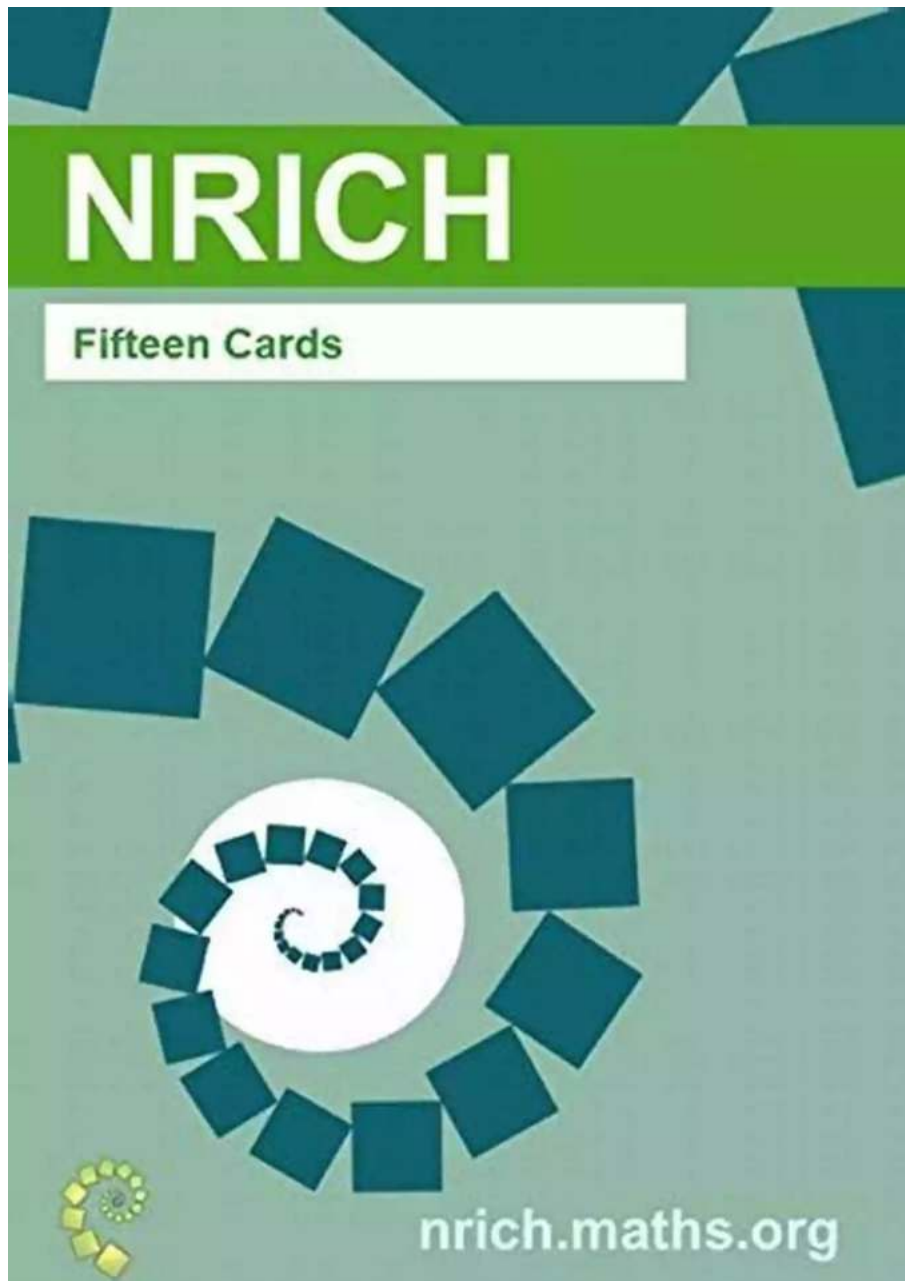
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At first glance, this may seem like an easy task, but as you start rearranging the cards, you'll encounter obstacles and find yourself immersed in a web of possibilities. The key lies in figuring out the correct sequence of moves to achieve the desired order.

**How to Solve:**

There is a methodical approach to solving the Fifteen Cards puzzle. By following a set of specific moves, you can gradually progress towards the solution. The puzzle tests your ability to strategize, think critically, and make logical decisions.

1. Start by selecting a card that is adjacent to the empty space.
2. Moving clockwise around the empty space, continue selecting adjacent cards and swapping their positions with the empty space.
3. Repeat this process until all the cards are arranged in the correct order.



Remember, the number of moves required to solve the puzzle varies depending on the initial arrangement. It might take you a few attempts to master the strategy and solve it efficiently.

### **The Benefits:**

The Fifteen Cards Activity Sheet offers numerous benefits beyond the satisfaction of solving a challenging puzzle.

- Improves logical reasoning skills: This activity requires you to think analytically, devise strategies, and anticipate the consequences of your moves.
- Enhances problem-solving abilities: It challenges you to break down complex problems into simpler steps and find creative solutions.
- Develops patience and persistence: The puzzle may not be solved immediately, but as you persist and persevere, you cultivate resilience and determination.
- Boosts mathematical thinking: By engaging with this activity, you strengthen your understanding of number patterns and sequencing.
- Encourages a growth mindset: Embracing challenges and learning from mistakes fosters a growth mindset, enabling you to tackle future problems with confidence.

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The Fifteen Cards Activity Sheet on Nrich is an exciting opportunity to delve into the world of mathematical puzzles. It challenges you to think critically, strategize, and persevere until you unlock the secrets hidden within the cards.

Engaging with this activity not only enhances your problem-solving skills but also encourages a growth mindset. So, what are you waiting for? Grab a copy of the Fifteen Cards Activity Sheet, and let the puzzle-solving adventure begin!

For more fascinating mathematical challenges and activities, visit Nrich at [www.nrich.maths.org](http://www.nrich.maths.org).

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by NRICH([Print Replica] Kindle Edition)



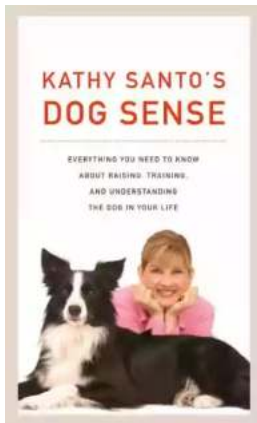
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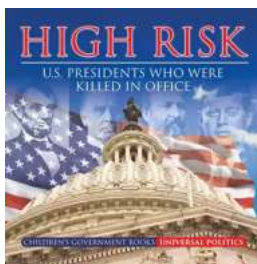


Maths activity for ages 7-12. This activity gives you a chance to practise addition and subtraction, and to work in a systematic way.



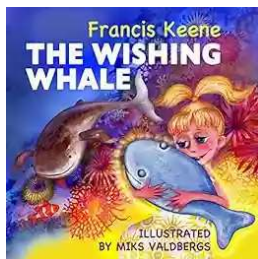
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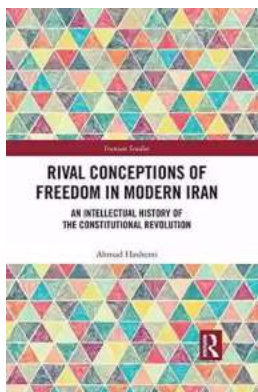
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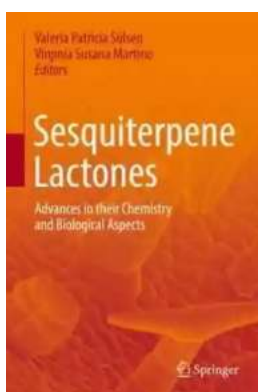
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