

# INTRODUCTION

Pegs to Paper: Pattern Pursuit transcends age and developmental abilities, offering an inclusive educational game experience suitable for everyone. For the young ones, it's a playground of colours and shapes, where they can learn to recognise patterns, develop spatial awareness, and refine their fine motor skills. For the seniors, it's a source of mental stimulation and social interaction. With Pattern Pursuit, they can engage in a fulfilling activity that nurtures their cognitive health and enhances their motor coordination.

## GAME 1 - COPYING THE PATTERN

For Up to 4 Players (Cards A-H)

This game requires Linking Pegboards, pegs, and cards labelled A-H to play. Each player receives one pegboard and chooses two colours of pegs.

One card is then selected and placed in the centre of the table.

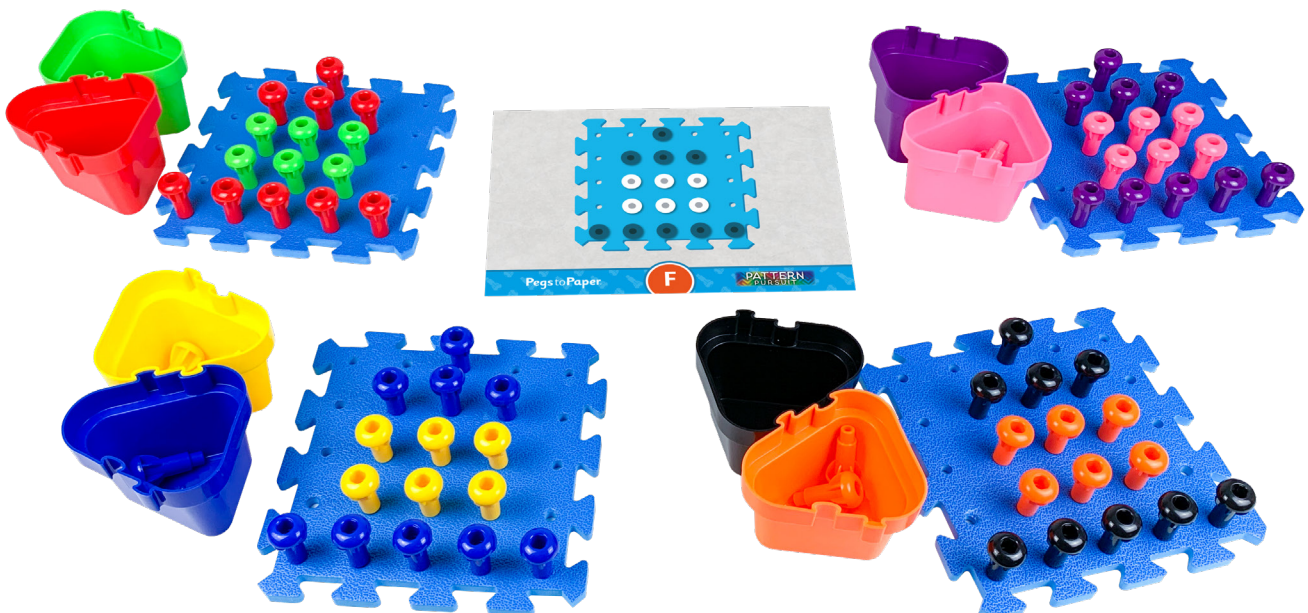
Players complete the pattern by copying each of the two neutral shades represented on the card using their chosen colours. Once everyone has completed the pattern, the boards are placed next to each other for comparison. Players are encouraged to identify any errors and help each other correct them, fostering team building as well as developing language and social skills.

### Game Extension

Once a pattern has been completed, ask the players to connect all the boards one by one so that each pattern mirrors the previous one placed.

The pattern can be reflected in any direction, horizontally or vertically.

Once finished, the boards may form a square, a straight line, or a zig-zag!



# GAME 2 - REFLECTING THE PATTERN

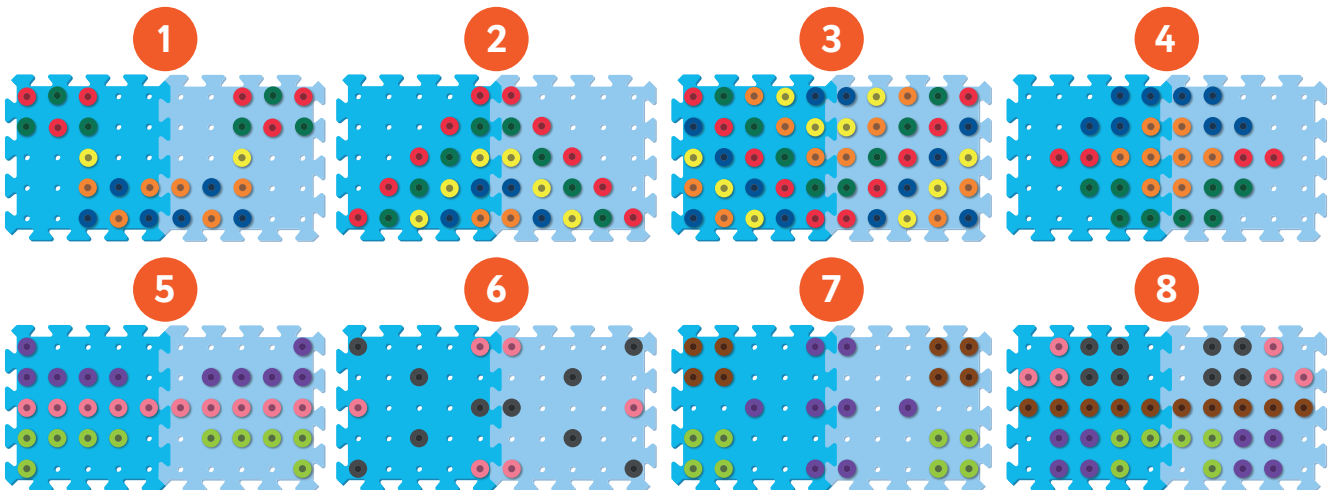
For 1 to 2 Players (Cards 1-8)

This game requires Linking Pegboards, pegs, and cards numbered 1-8 to play.

First, the player selects a card and copies the pattern onto a single pegboard. Then, a second pegboard is connected to the right, and the player must reflect the pattern onto it. The game can be played by two players simultaneously, as cards 1-4 and 5-8 each use five different peg colours.



## Answer Reference and Teaching Tips

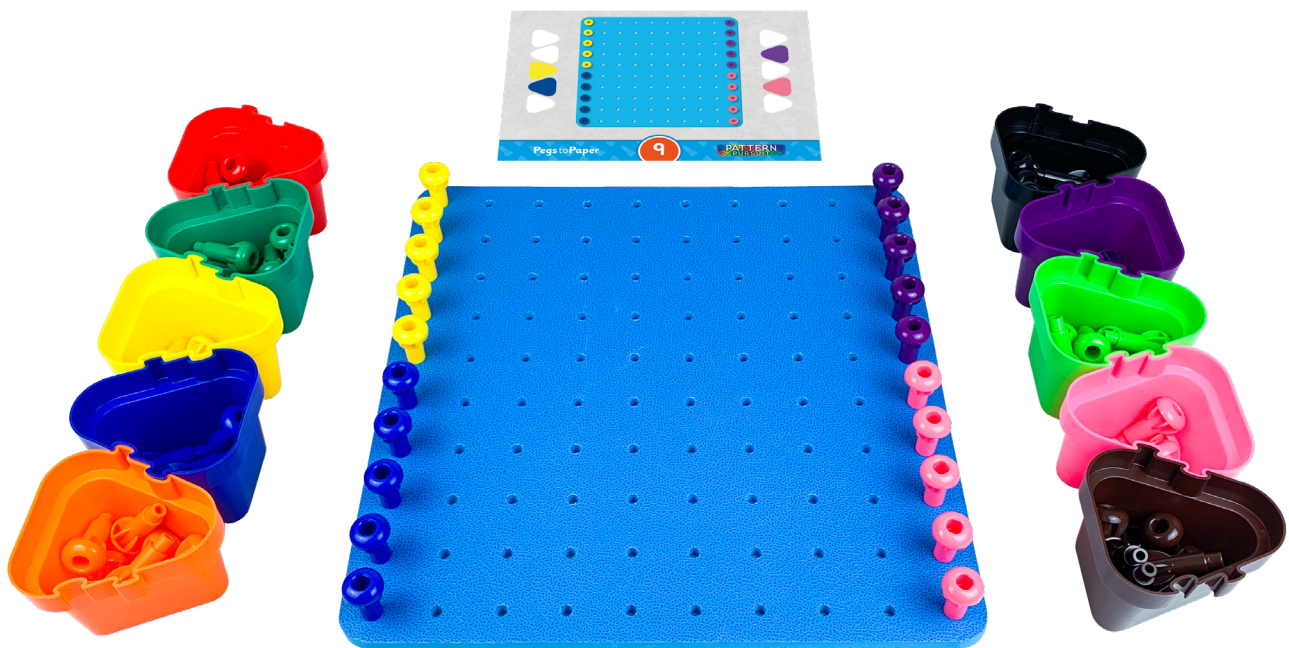


- The completed reflected patterns should resemble the images shown above.
- Once the player has mastered reflecting the pattern to the right, encourage them to experiment with reflecting the pattern in various directions.

# GAME 3 - CONTINUING THE PATTERN

For 1 Player (Cards 9-16)

This game requires the Giant Pegboard, pegs, and cards numbered 9-16 to play. The goal is to initiate the pattern by replicating the peg placements shown on the card, then proceed to complete the pattern using the provided clues. Players must discern the recurring sequence of pegs on each card and continue the pattern until it is fully realised.



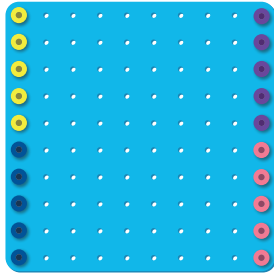
## Answer Reference and Teaching Tips

- Once a pattern has been completed, the player can proceed to the next one and continue in this manner until all the cards have been finished.
- The cards in the game increase in difficulty and should be completed in the correct order (cards numbered 9 -16).
- Encourage the use of both hands when selecting the pegs. To enhance motor coordination skills, suggest alternating hands for both picking up and placing the pegs, passing them from one hand to the other as they are placed into the board.
- To maximise the educational benefits of the exercise, encourage the player to utilise positional language while replicating the pattern on the pegboard. For instance, prompt the player with questions like, "In what direction(s) does the card instruct you to extend the pattern?" or "Where on the board are the yellow pegs located?" This approach fosters a deeper understanding of spatial concepts and reinforces learning.



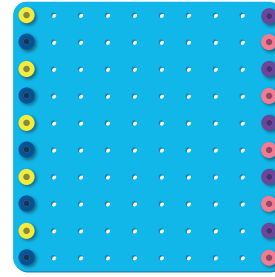
## Answer Reference and Teaching Tips

1



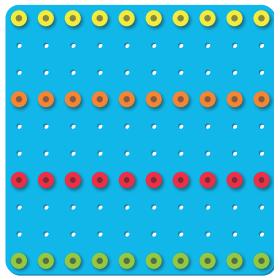
This pattern is made of two straight lines, one on the left and one on the right. Copy this onto the board.

2



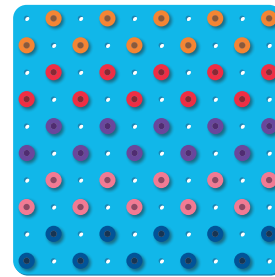
Continue the yellow and blue sequence down the board and the purple and pink sequence up the board.

3



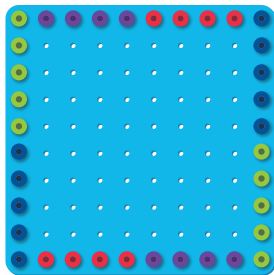
This pattern has four horizontal lines in four different colours. Extend these lines to the right hand side of the board.

4



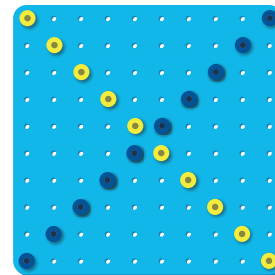
Here there are five rows of different coloured zig-zags. Continue this pattern to the left hand side of the board.

5



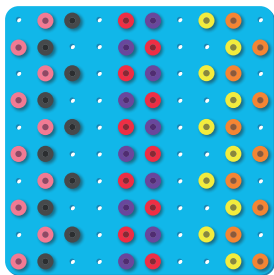
Can you identify the unit of repeat and complete the pattern around the board to form a square?

6



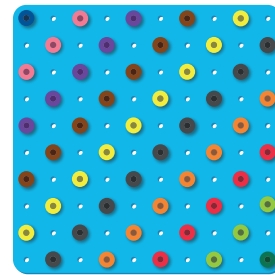
Continue this pattern towards the top of the board. When complete, the two diagonal lines form a cross.

7



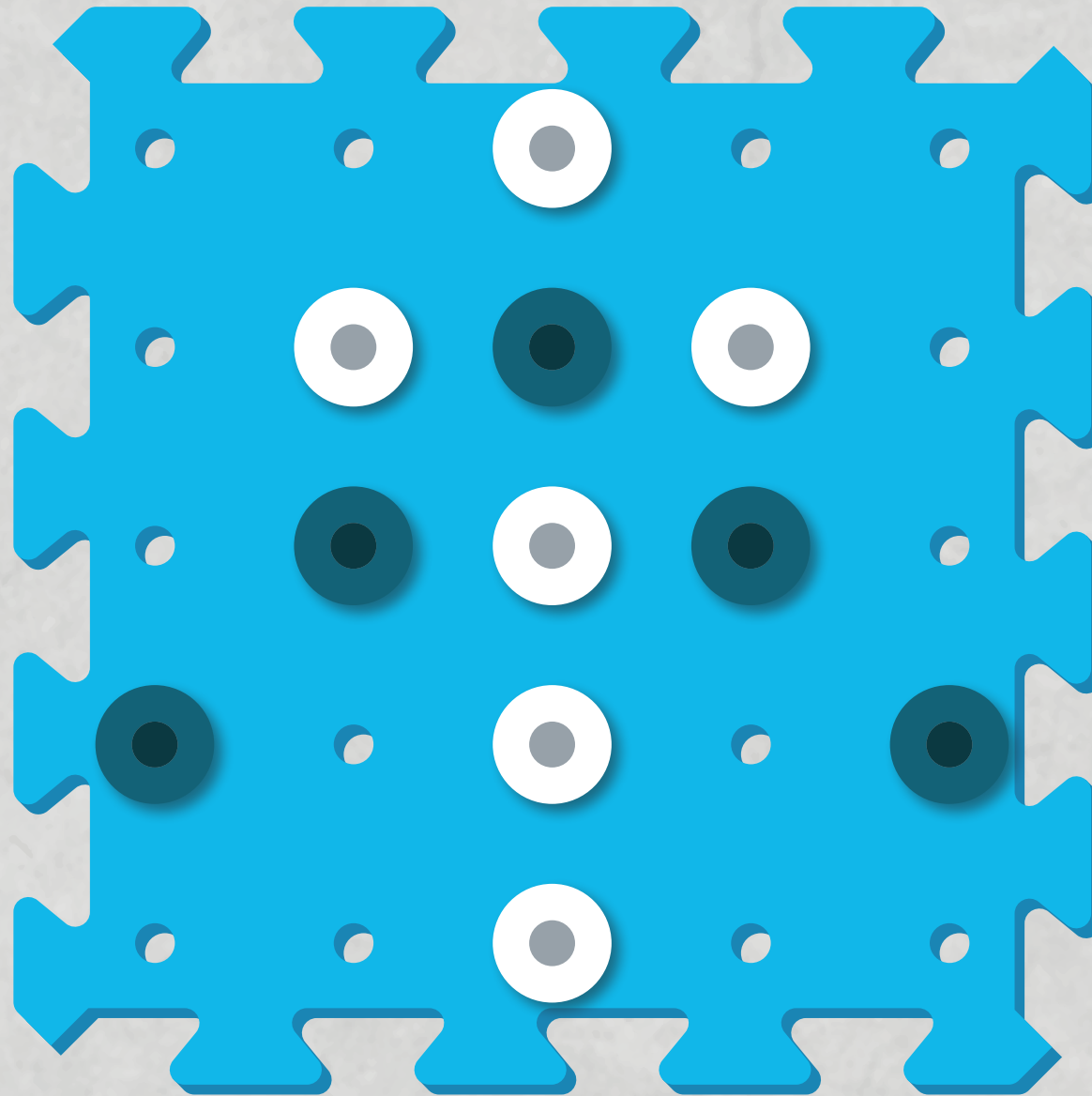
Continue the three sequences both up and down the board to complete the pattern.

8



Extend this pattern in all directions! Where will you decide to place the four colours that are hidden?

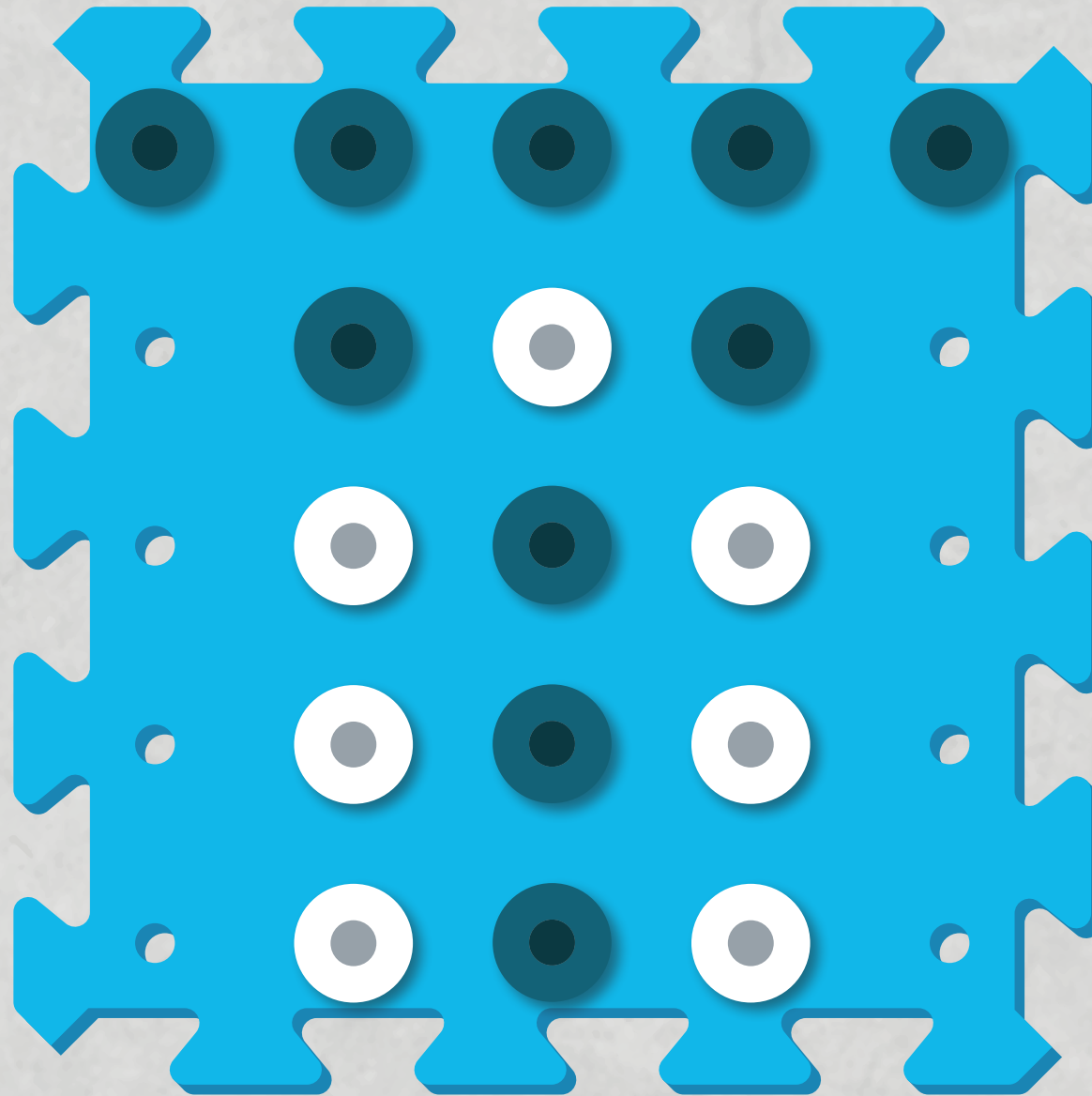




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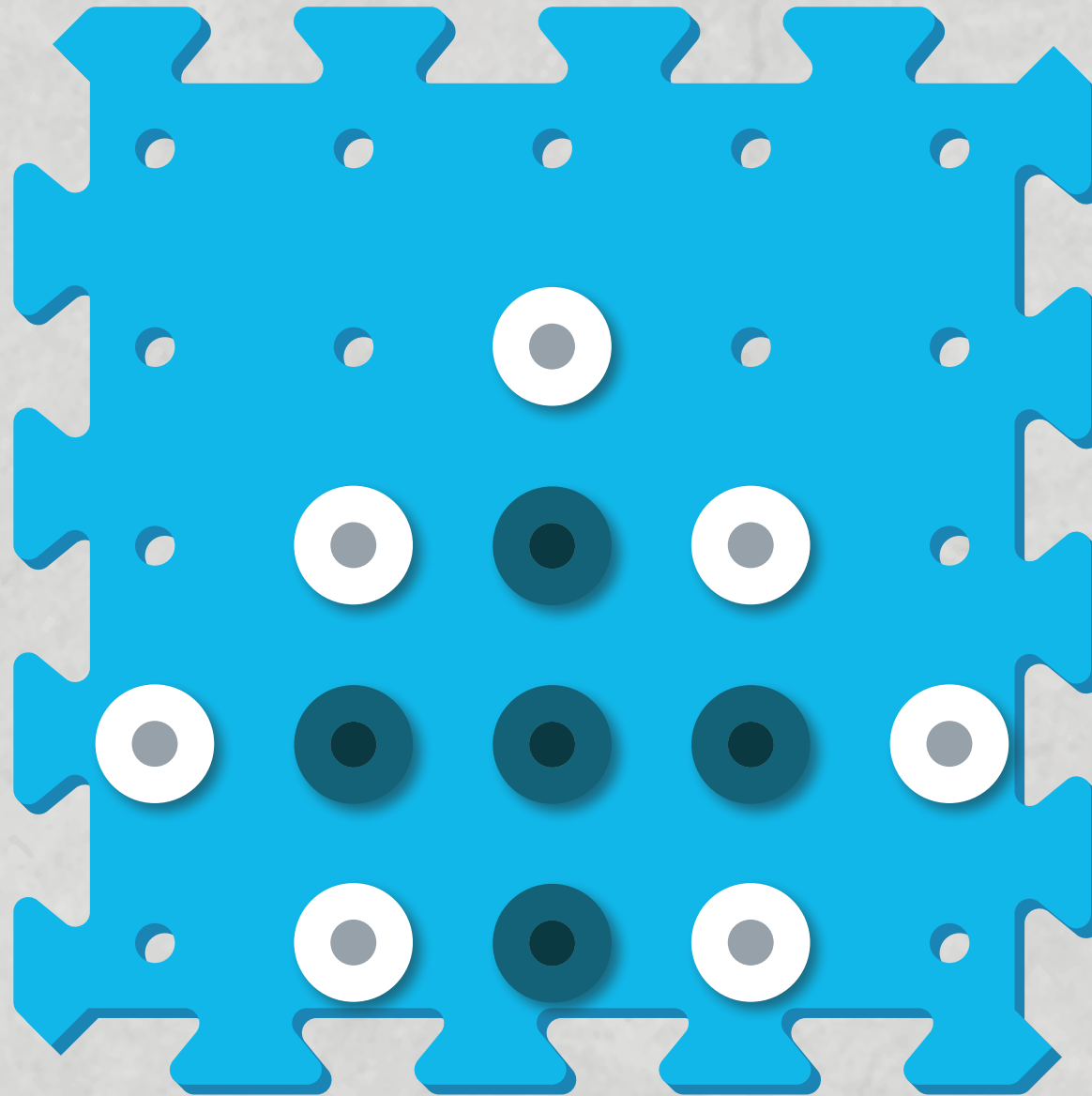
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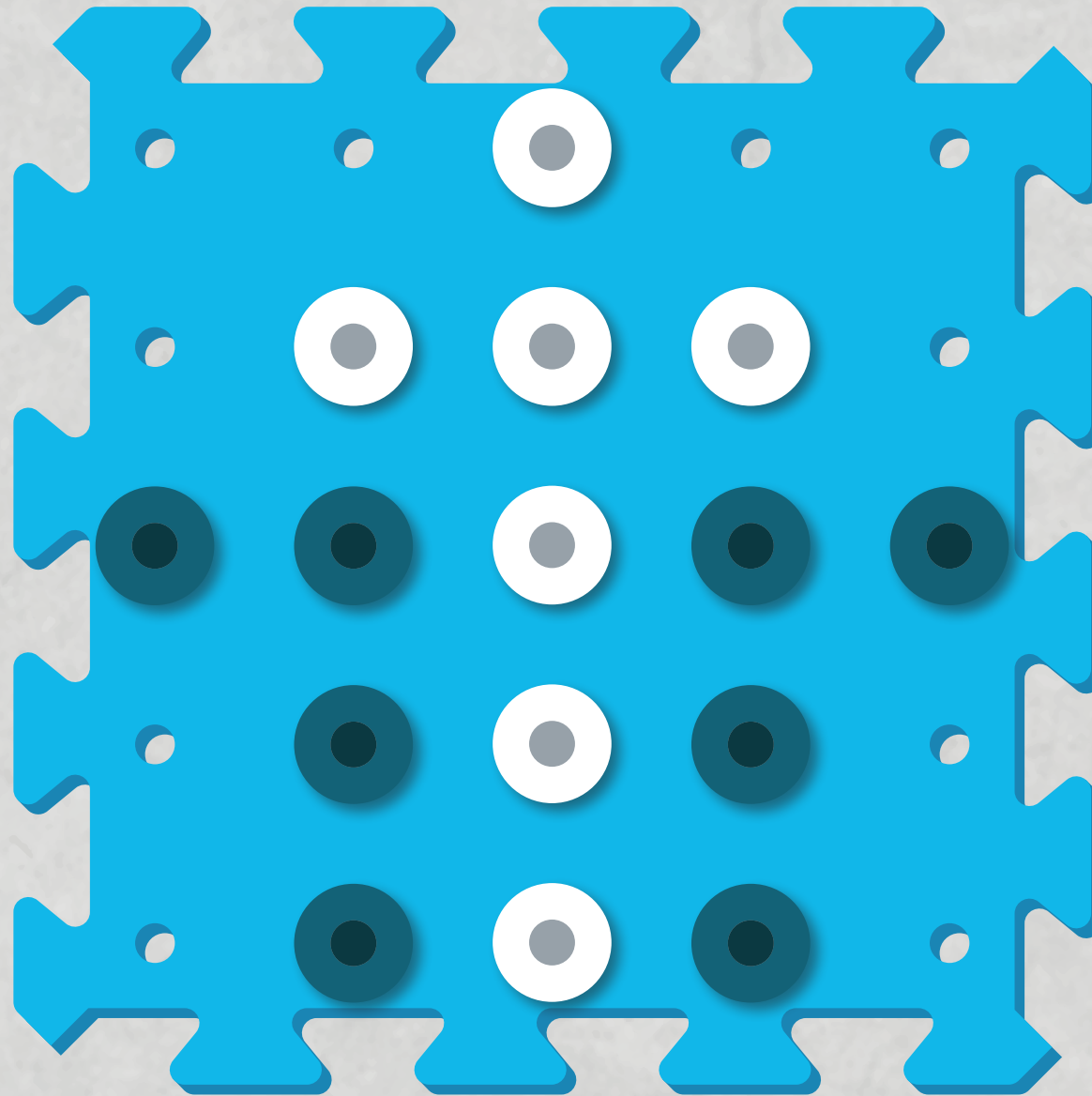


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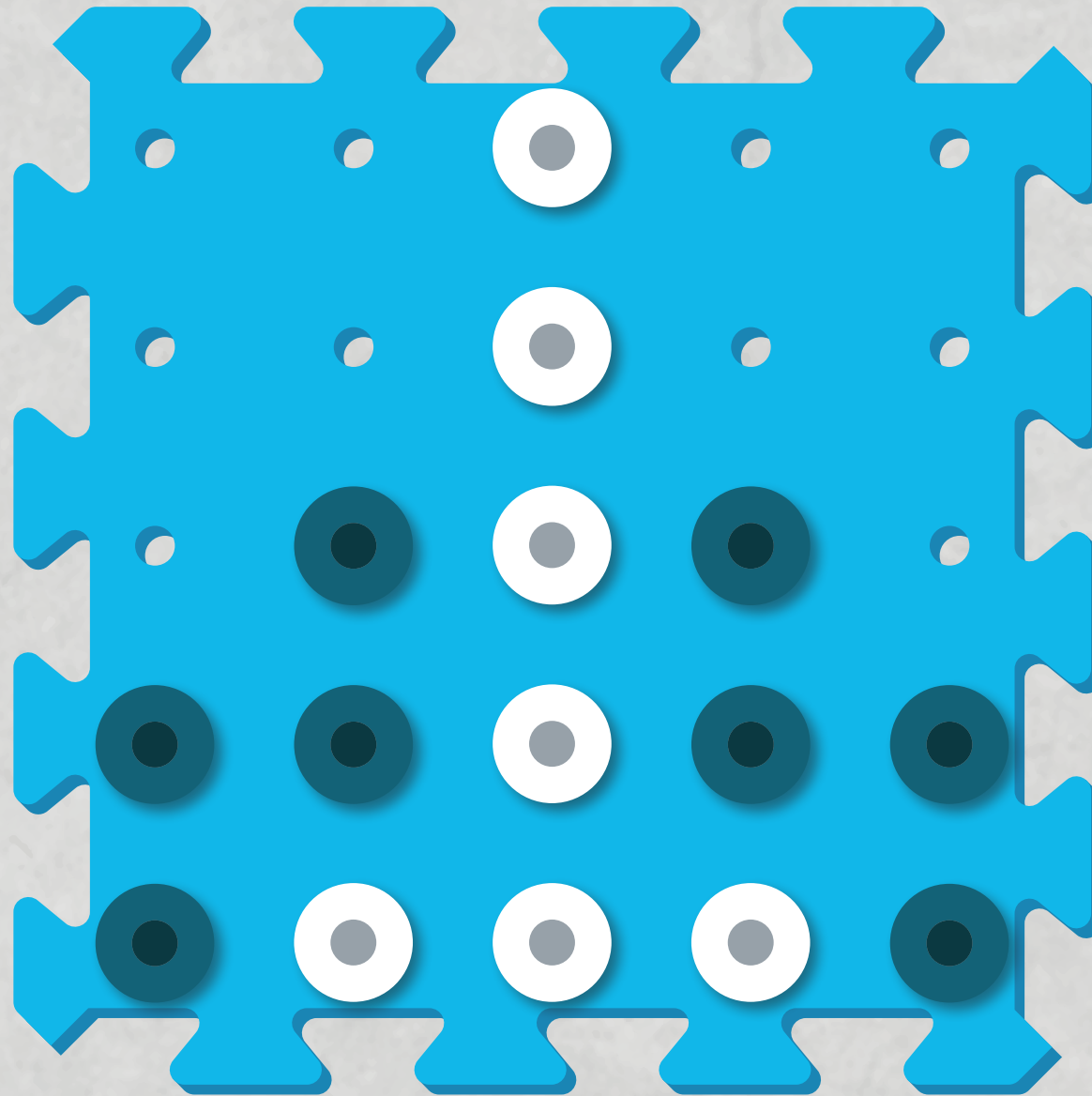




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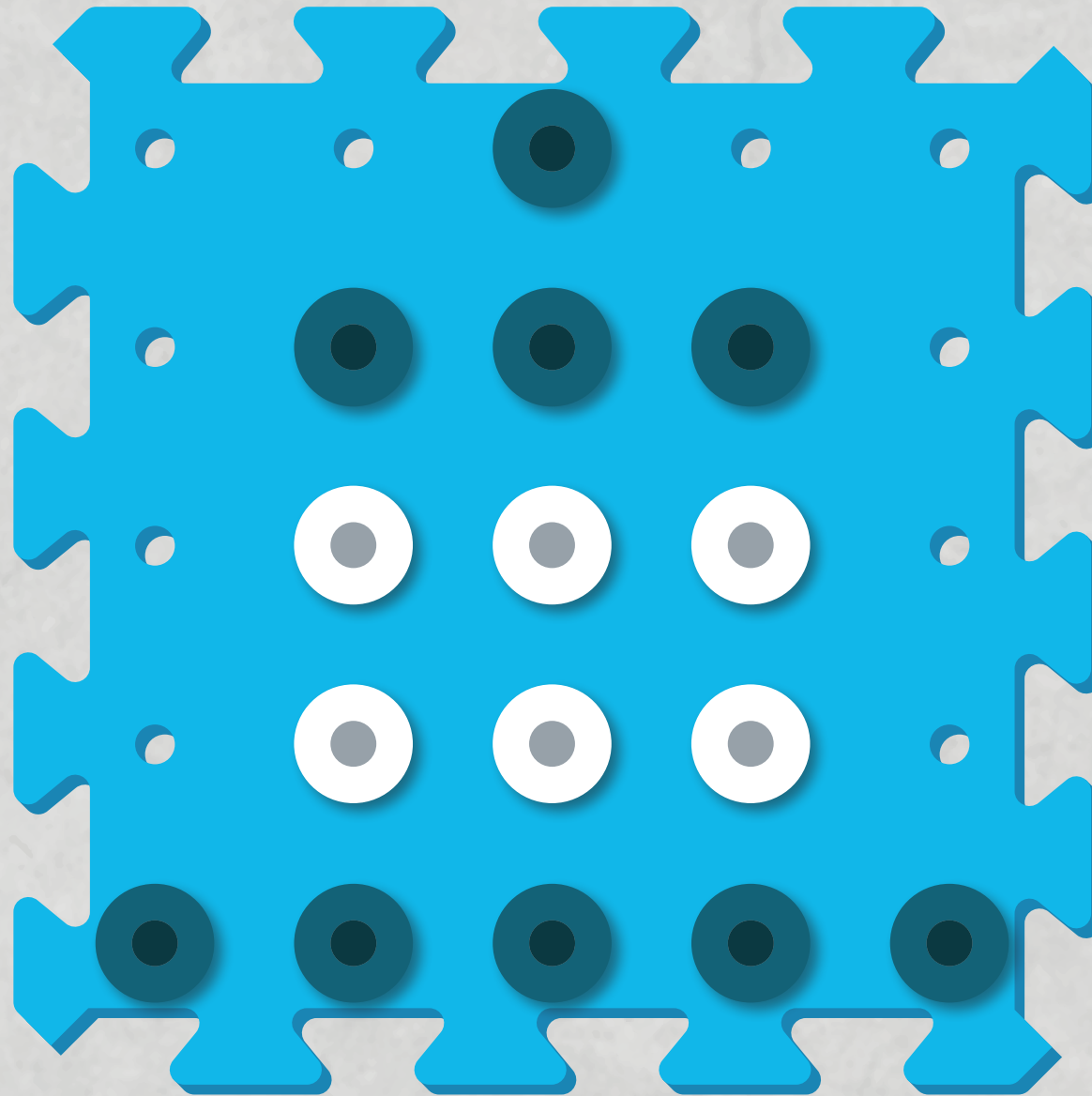
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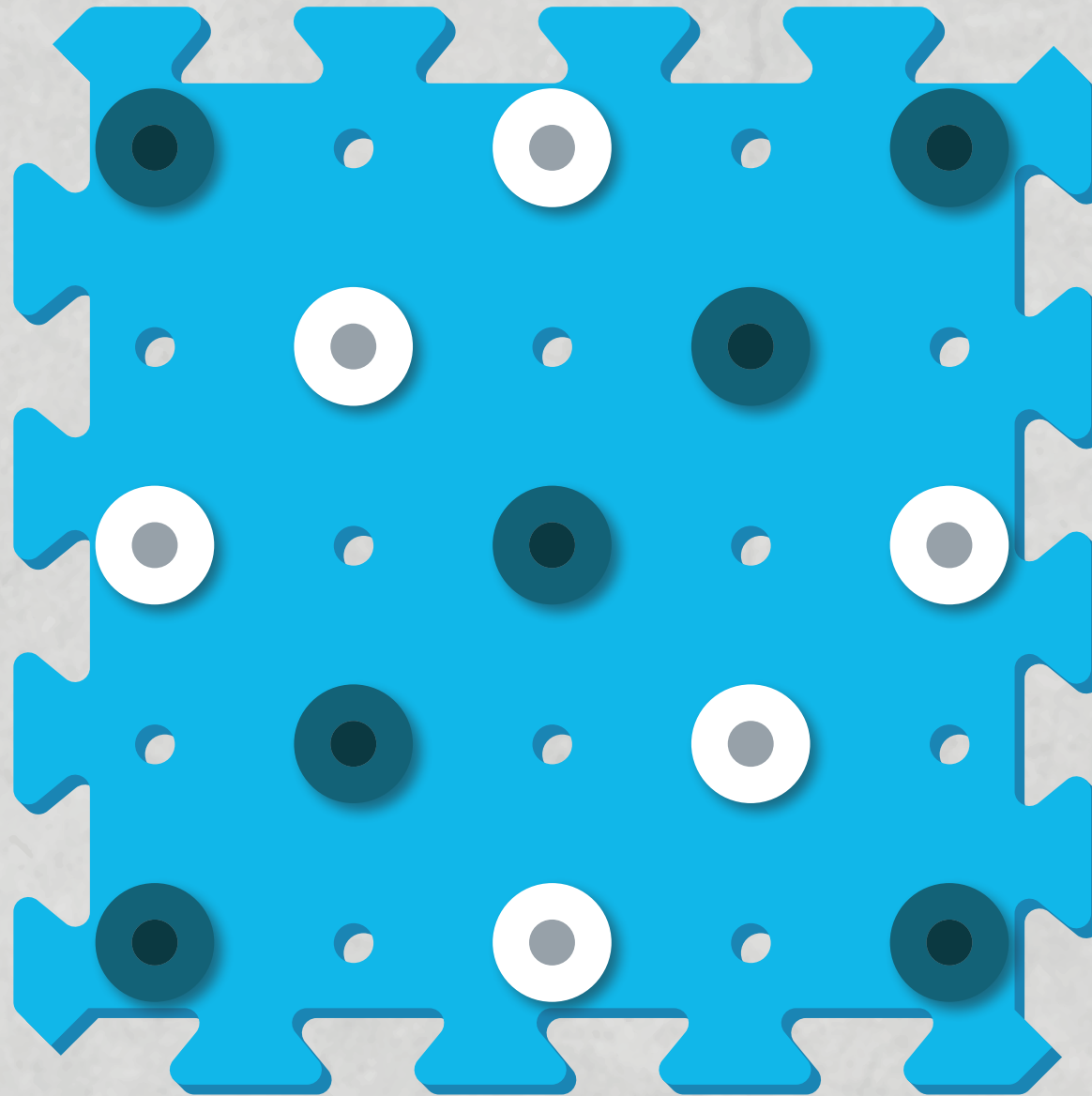


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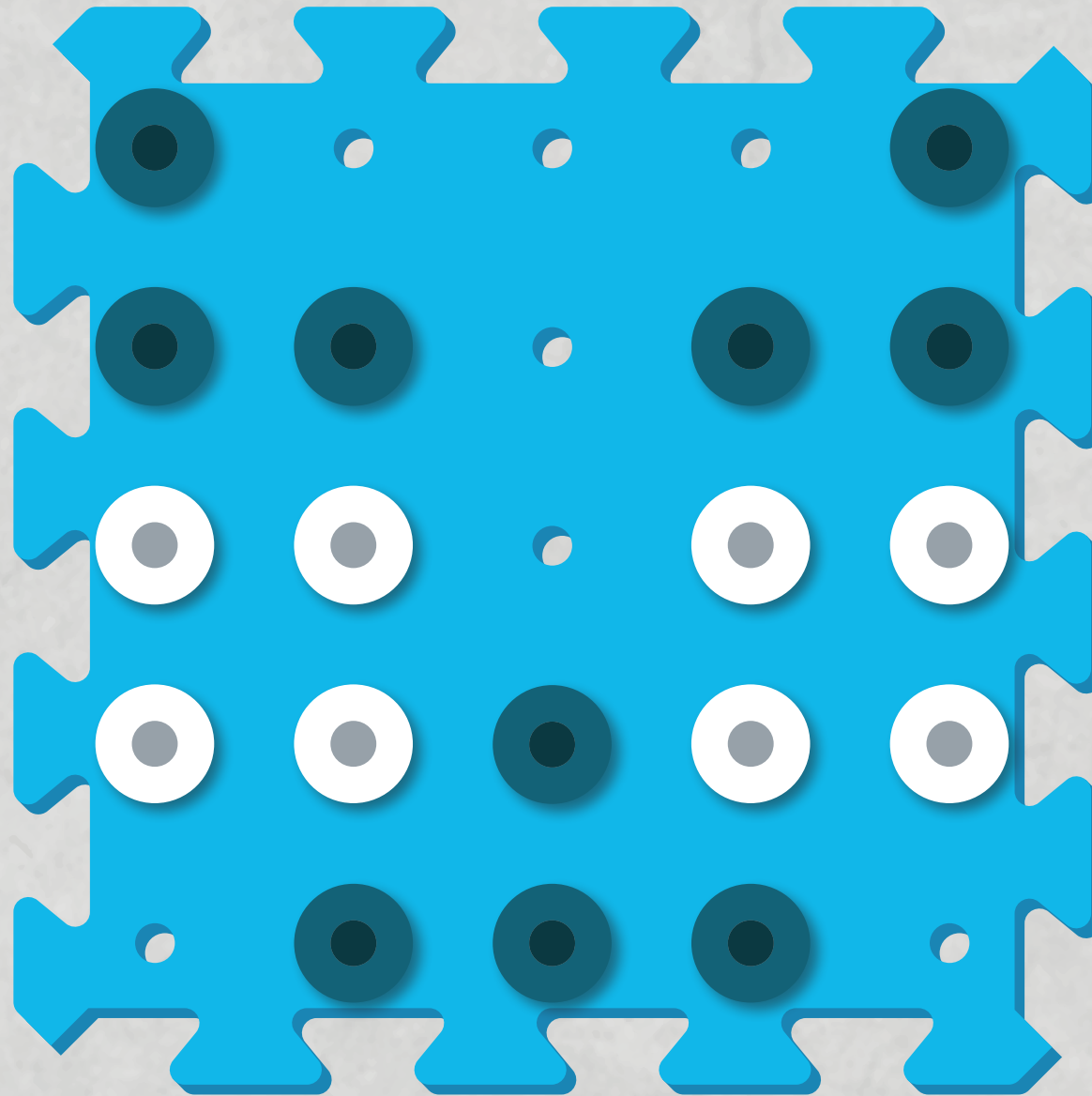




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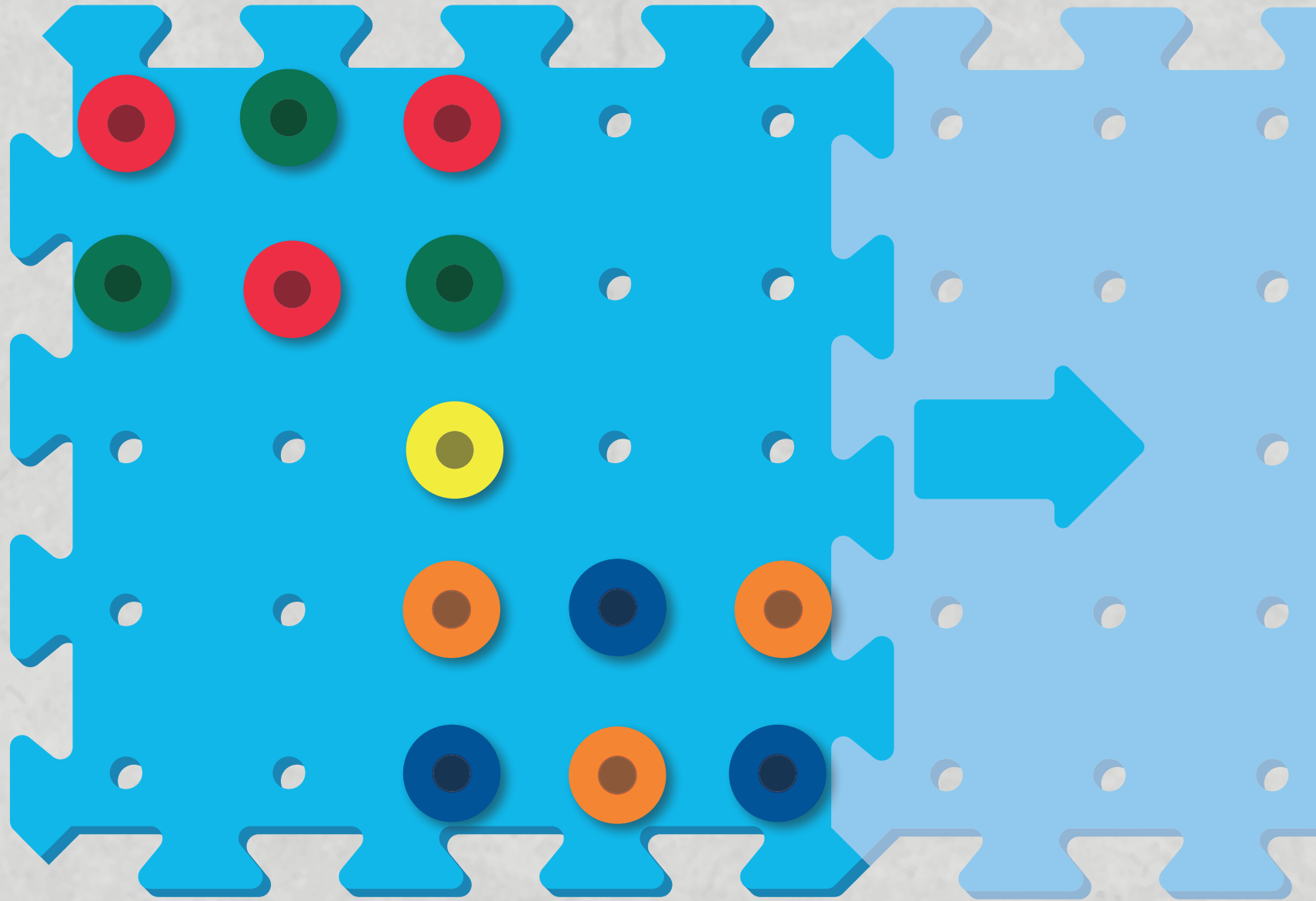
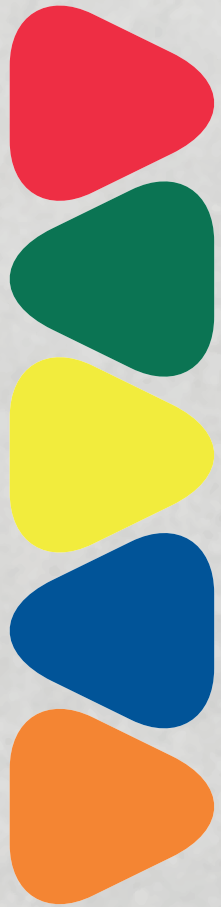
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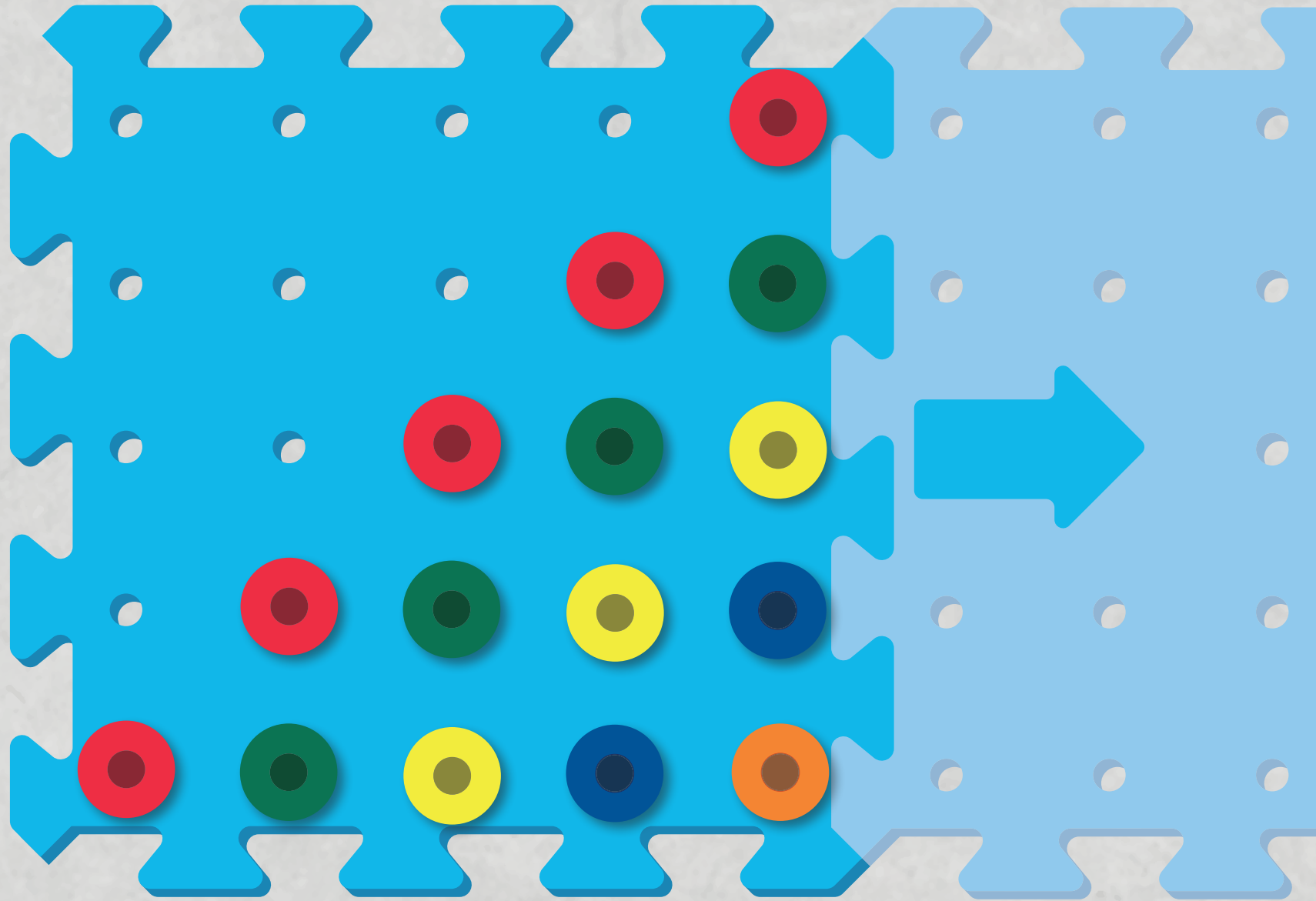
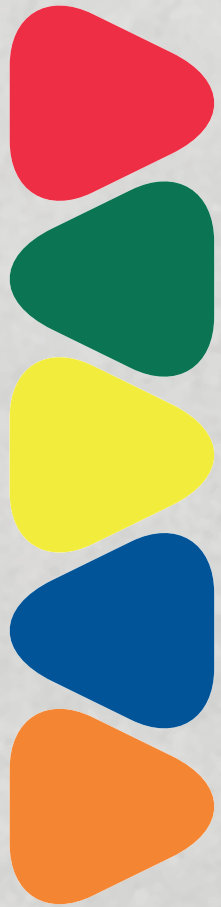


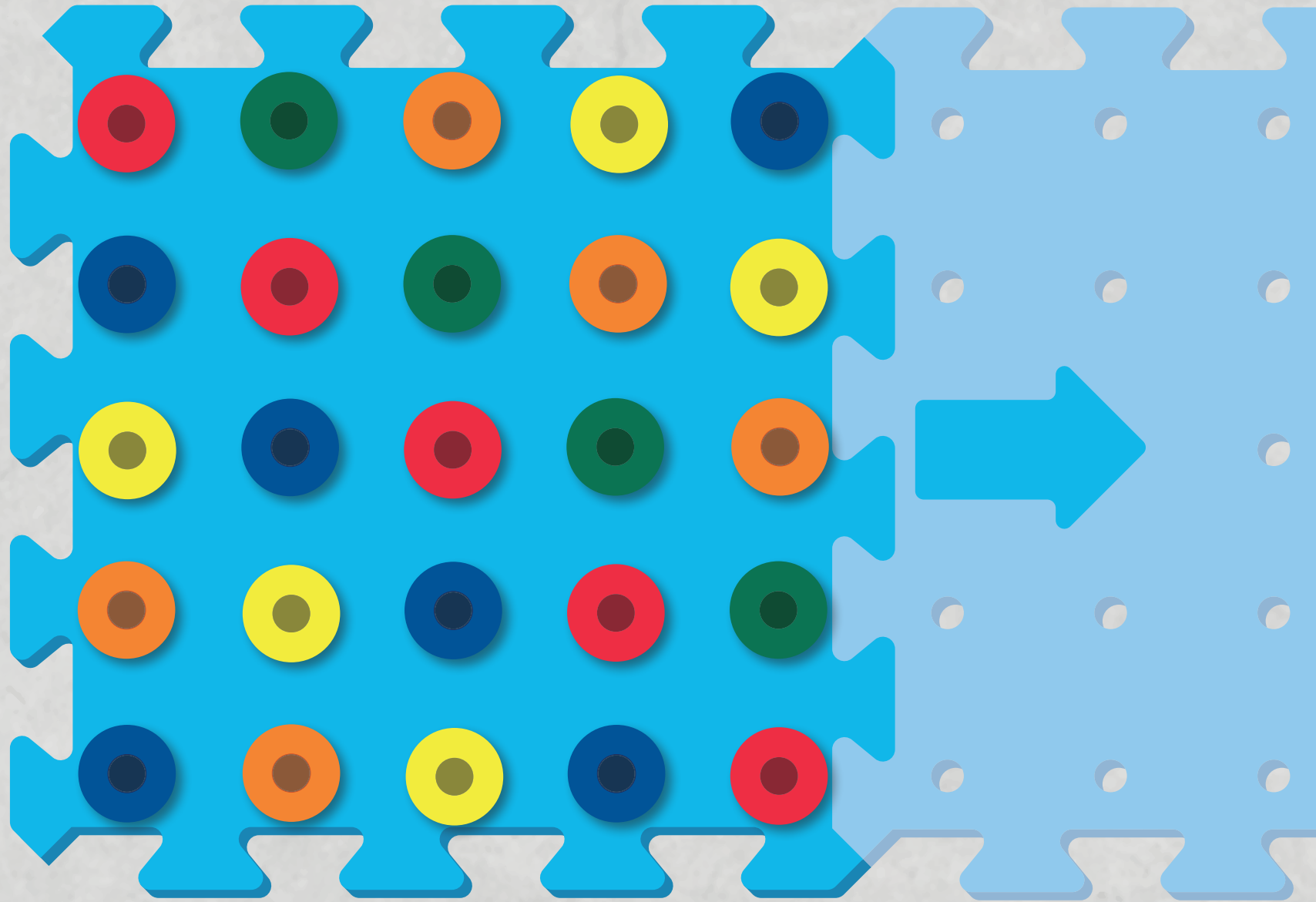
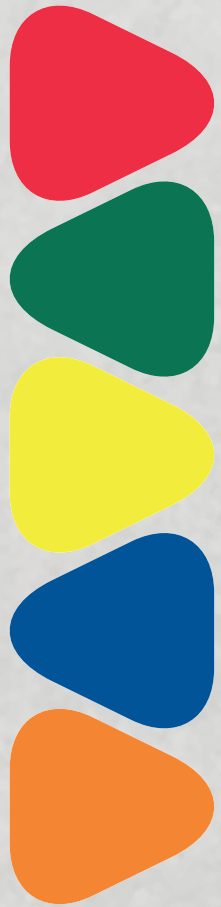
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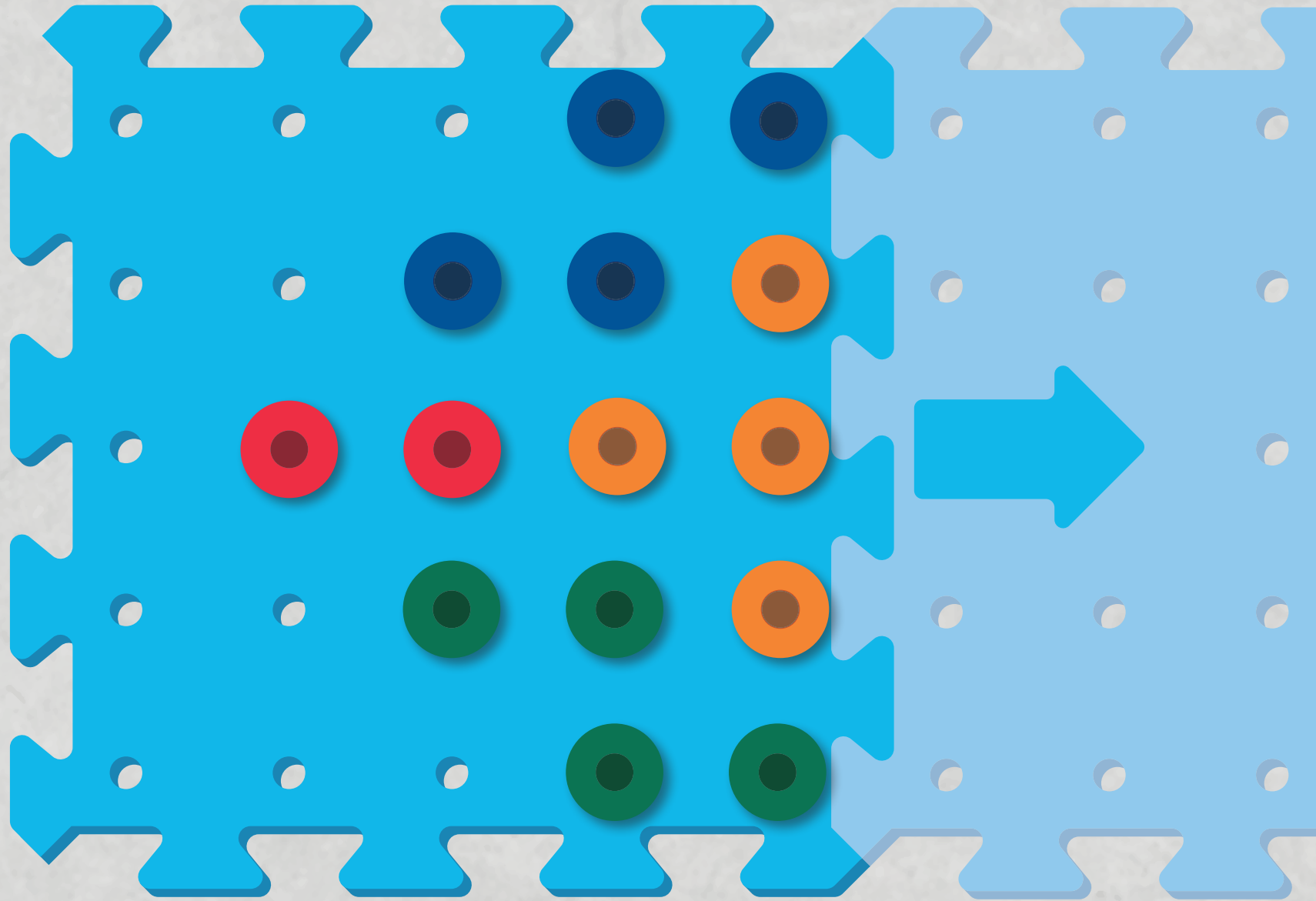
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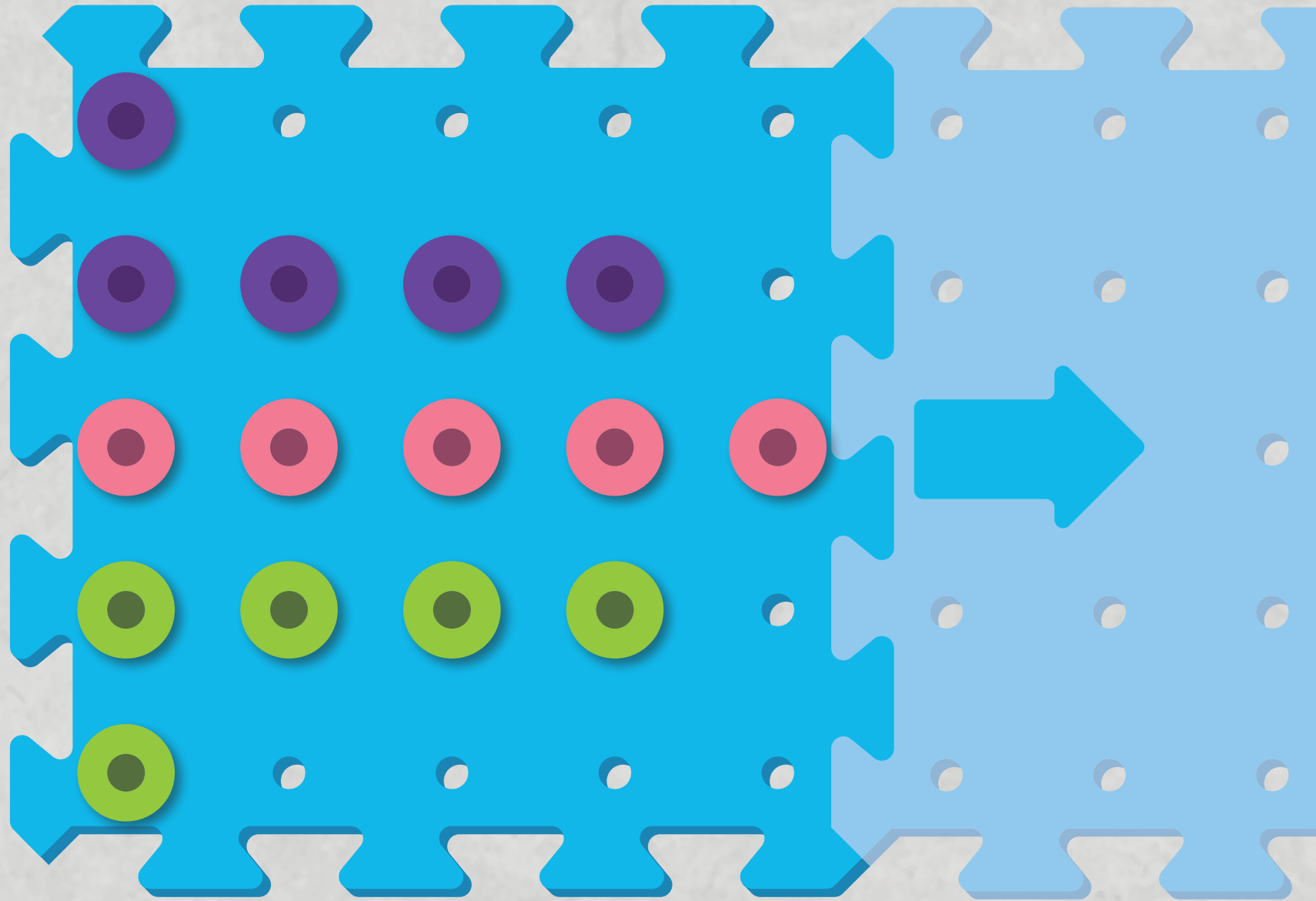


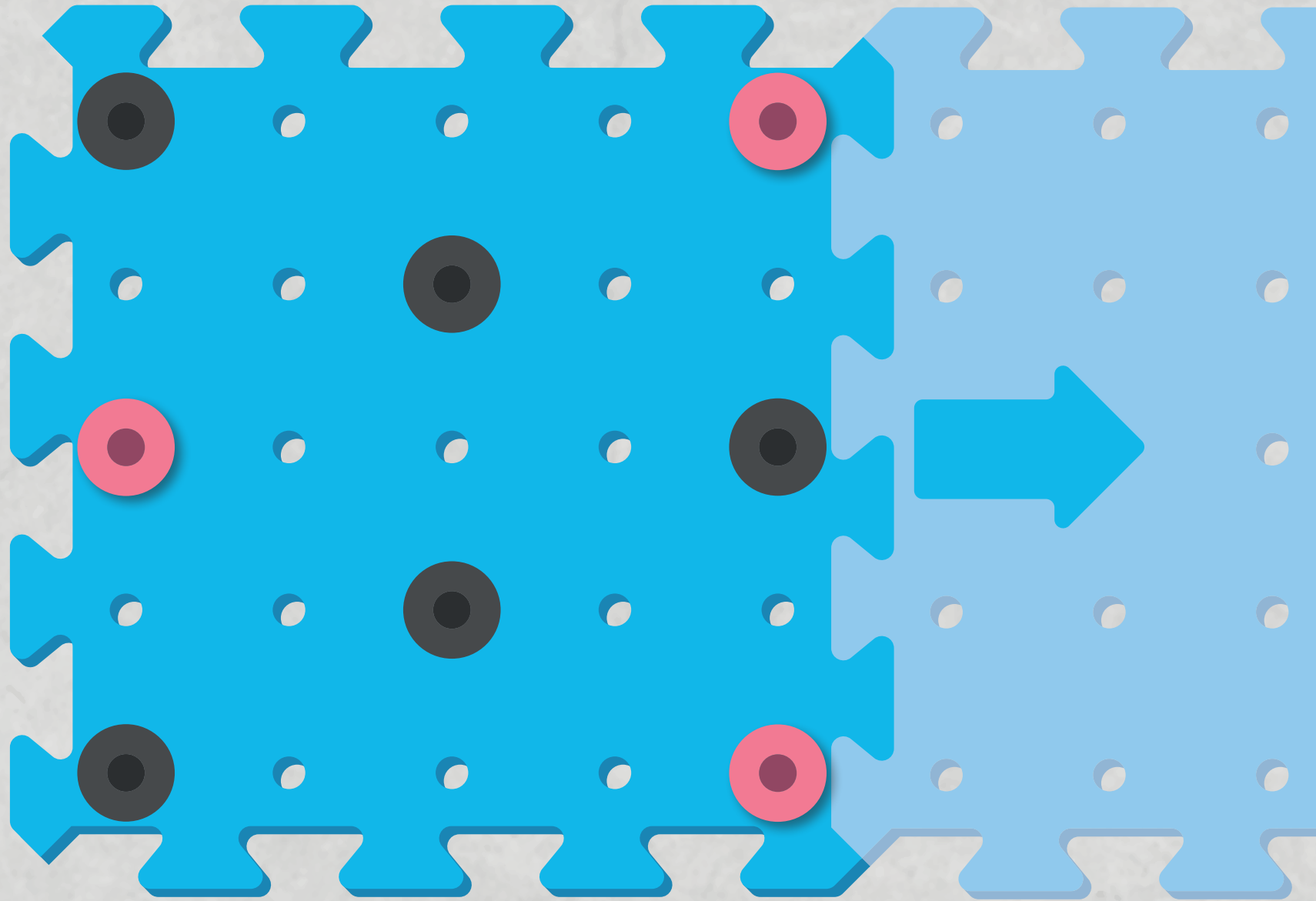


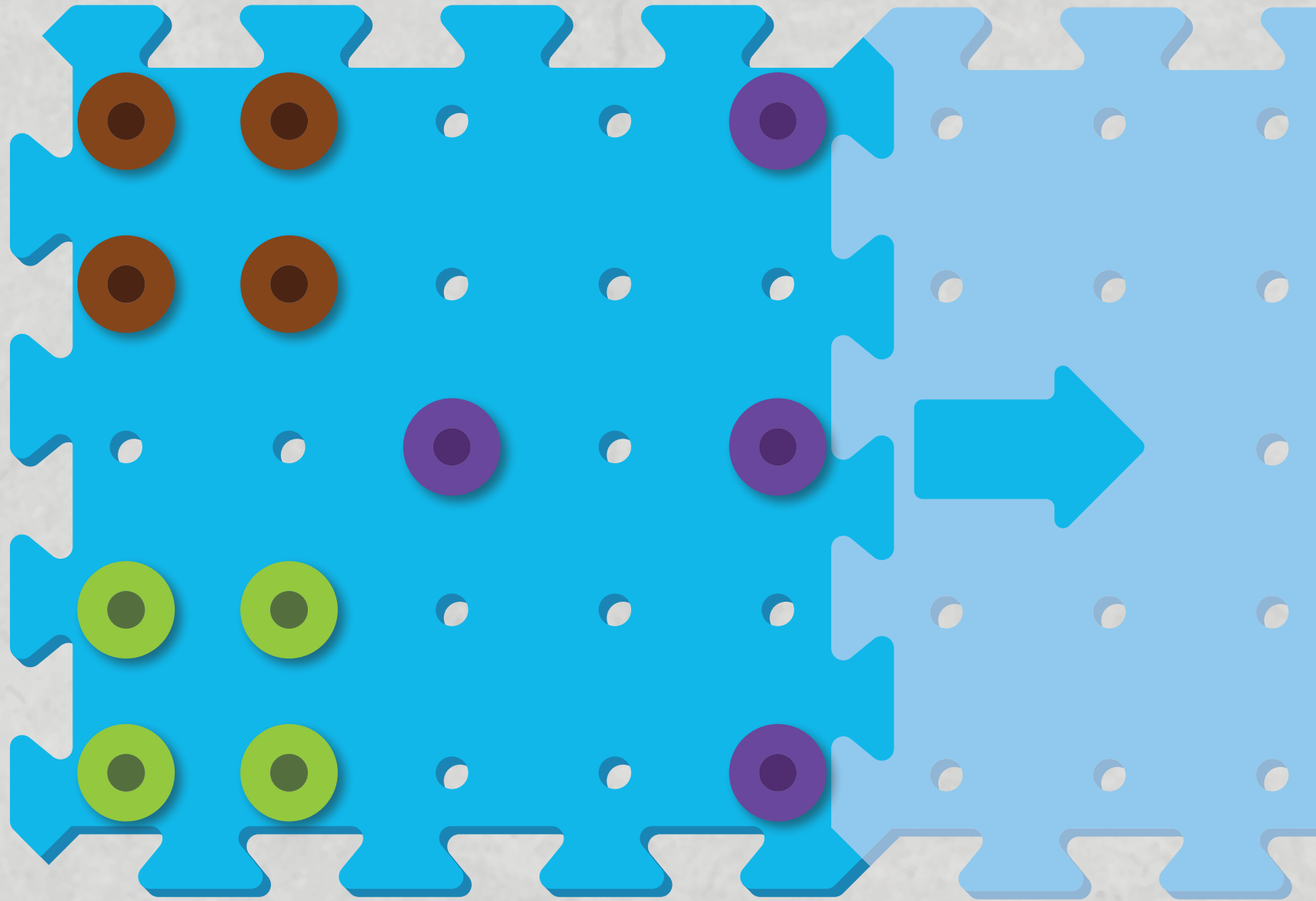




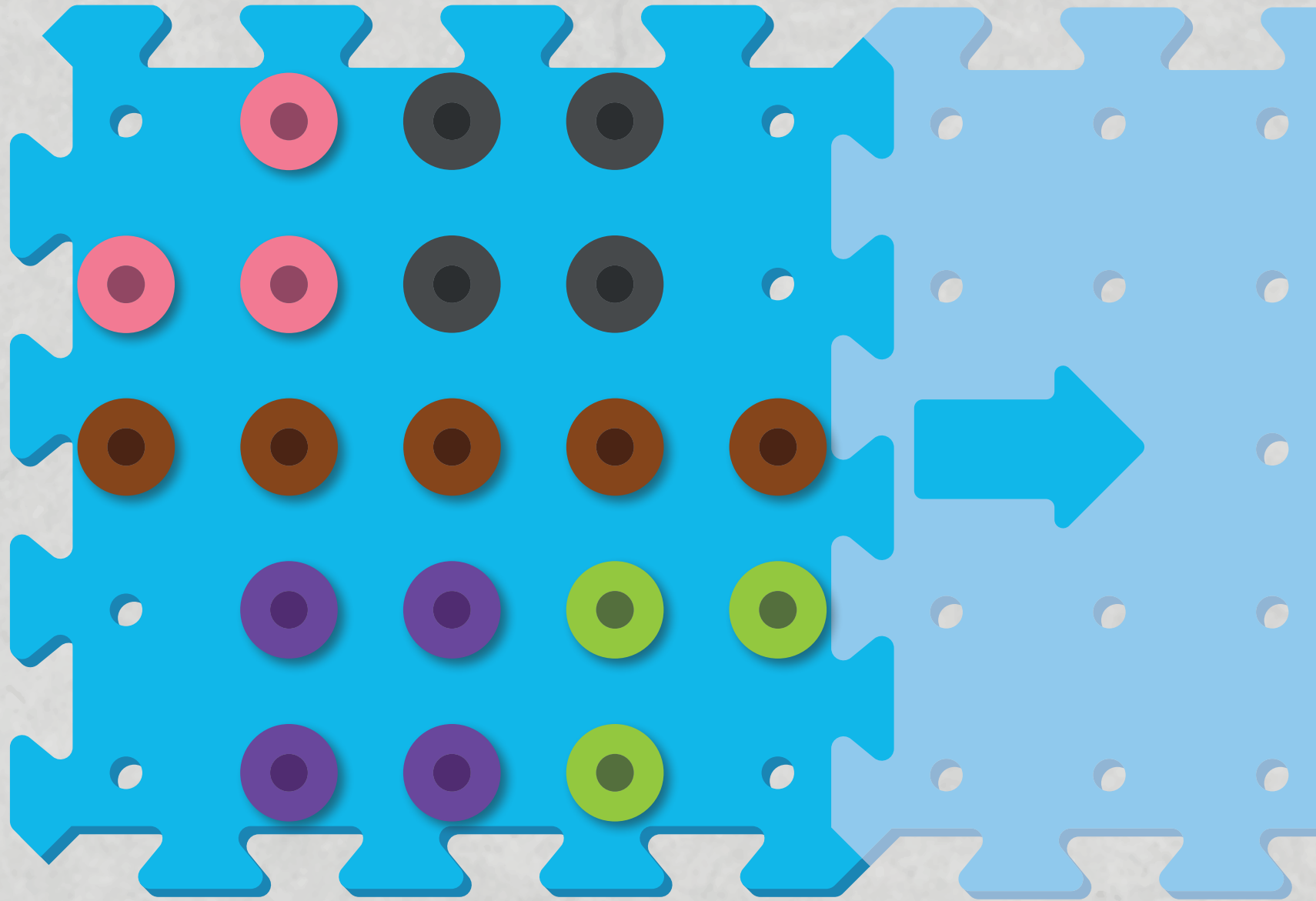


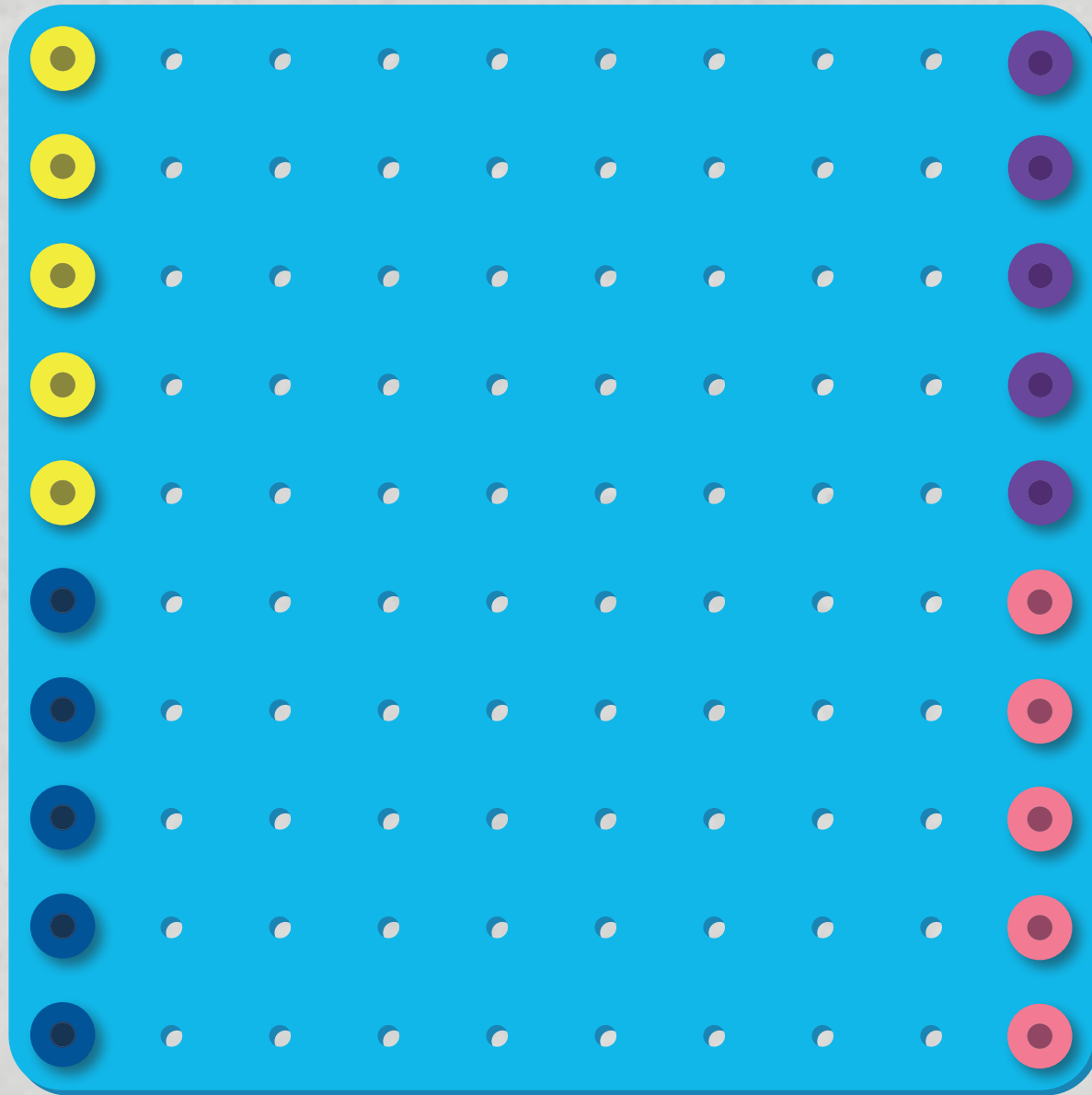








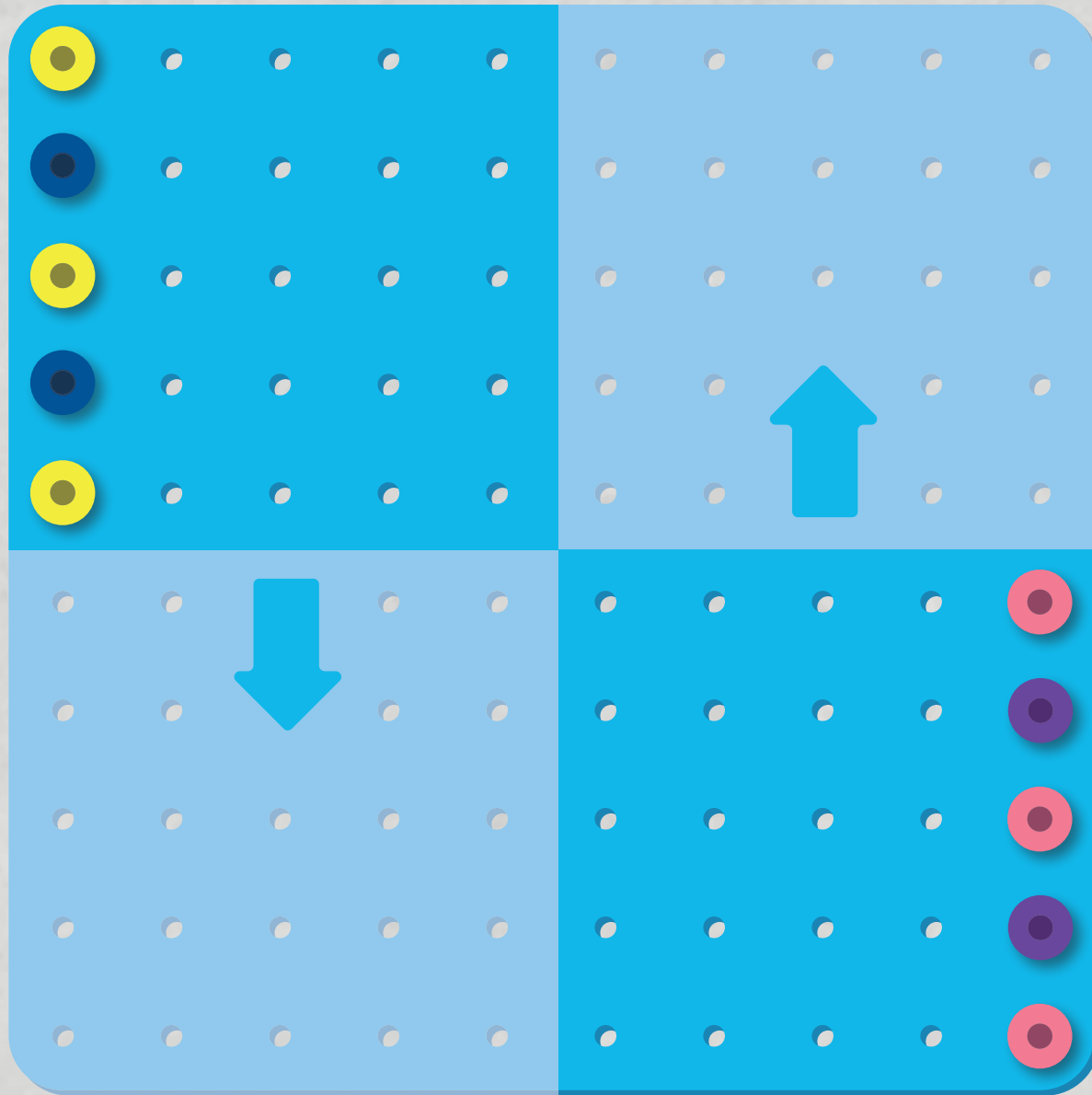
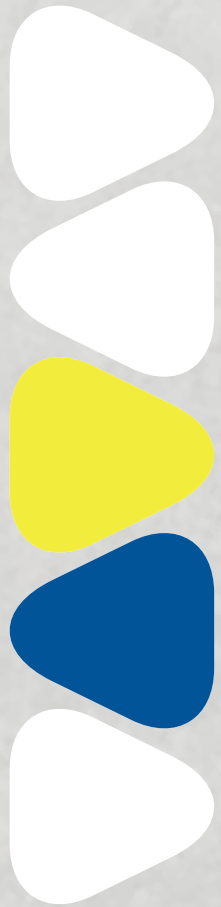




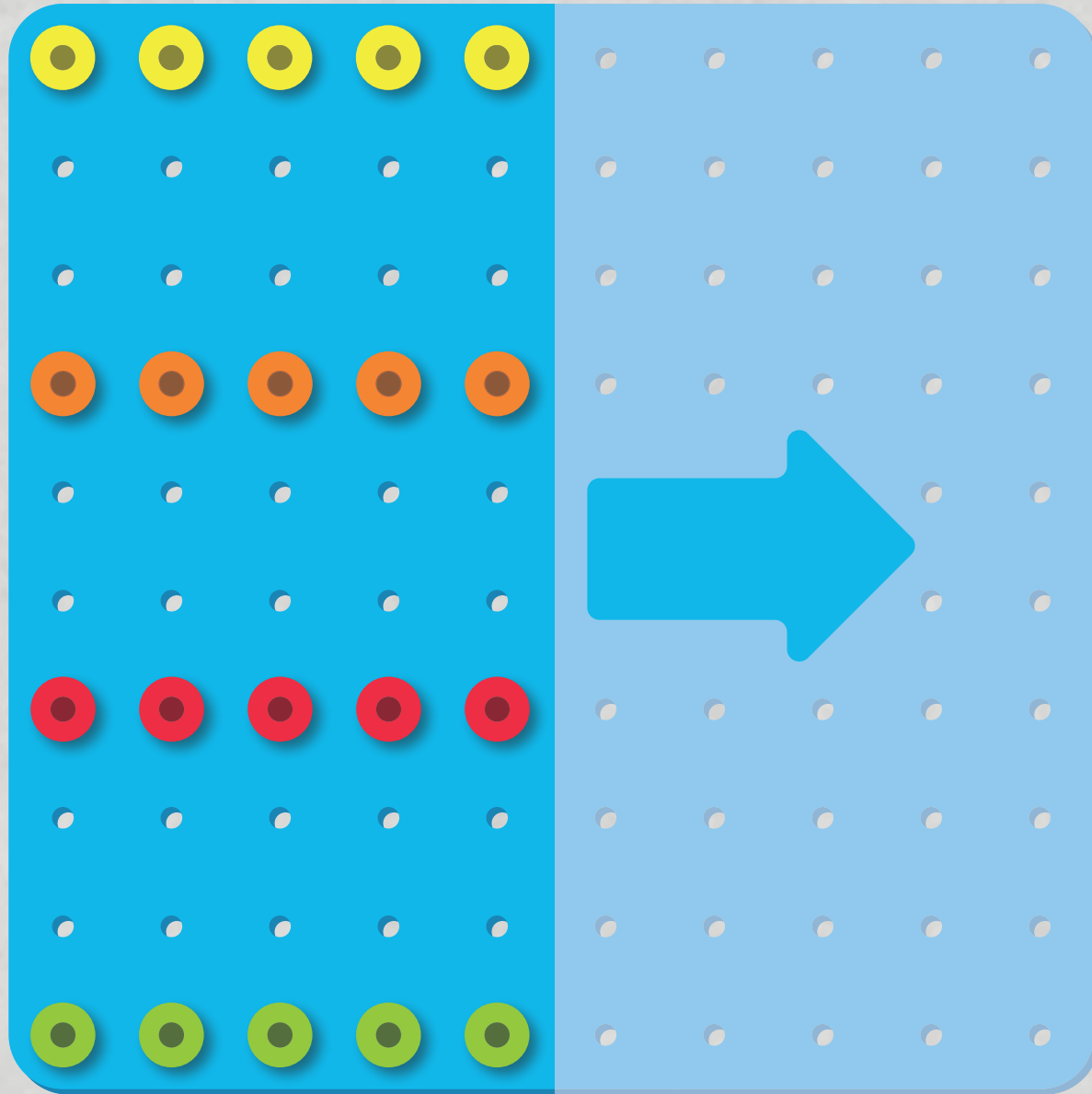
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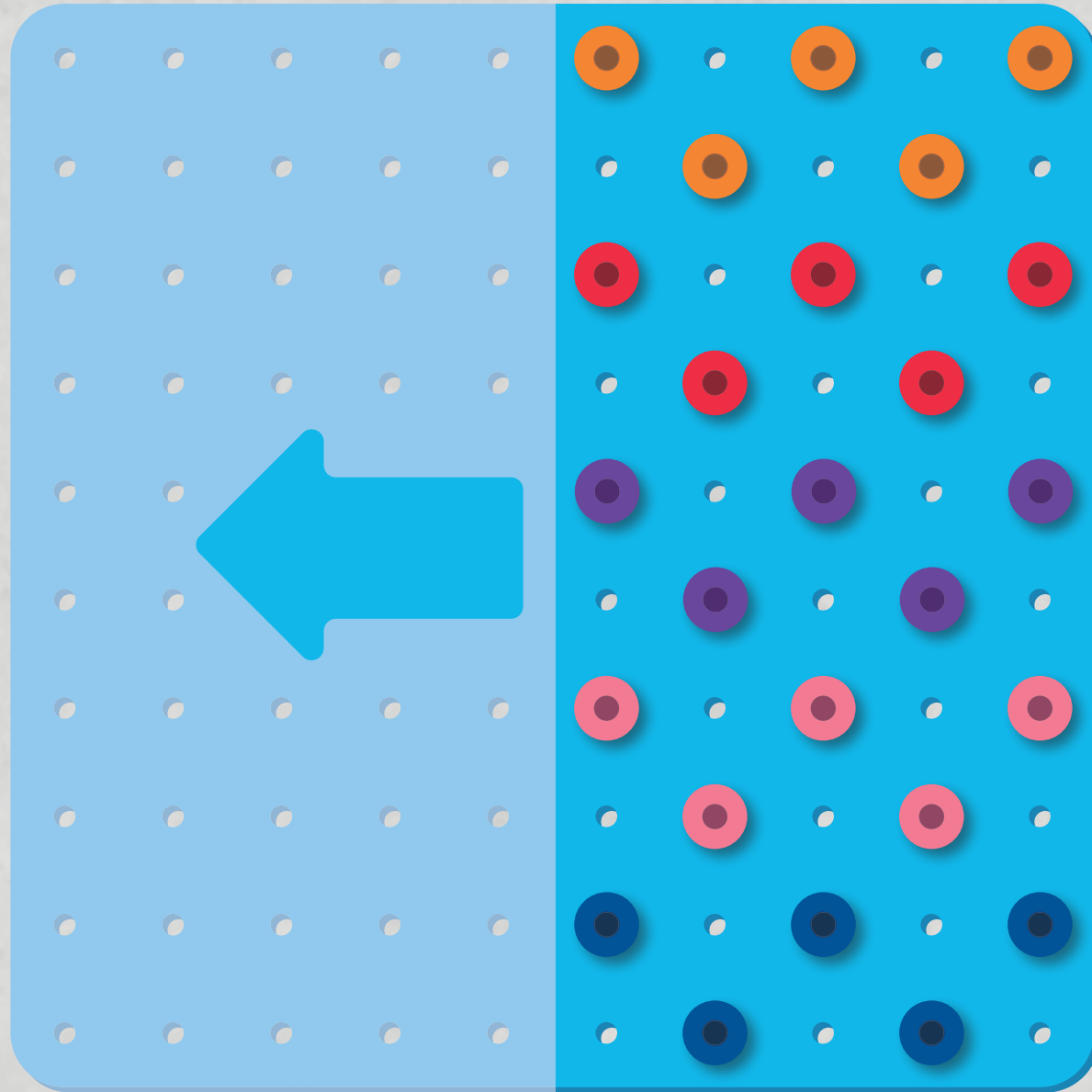
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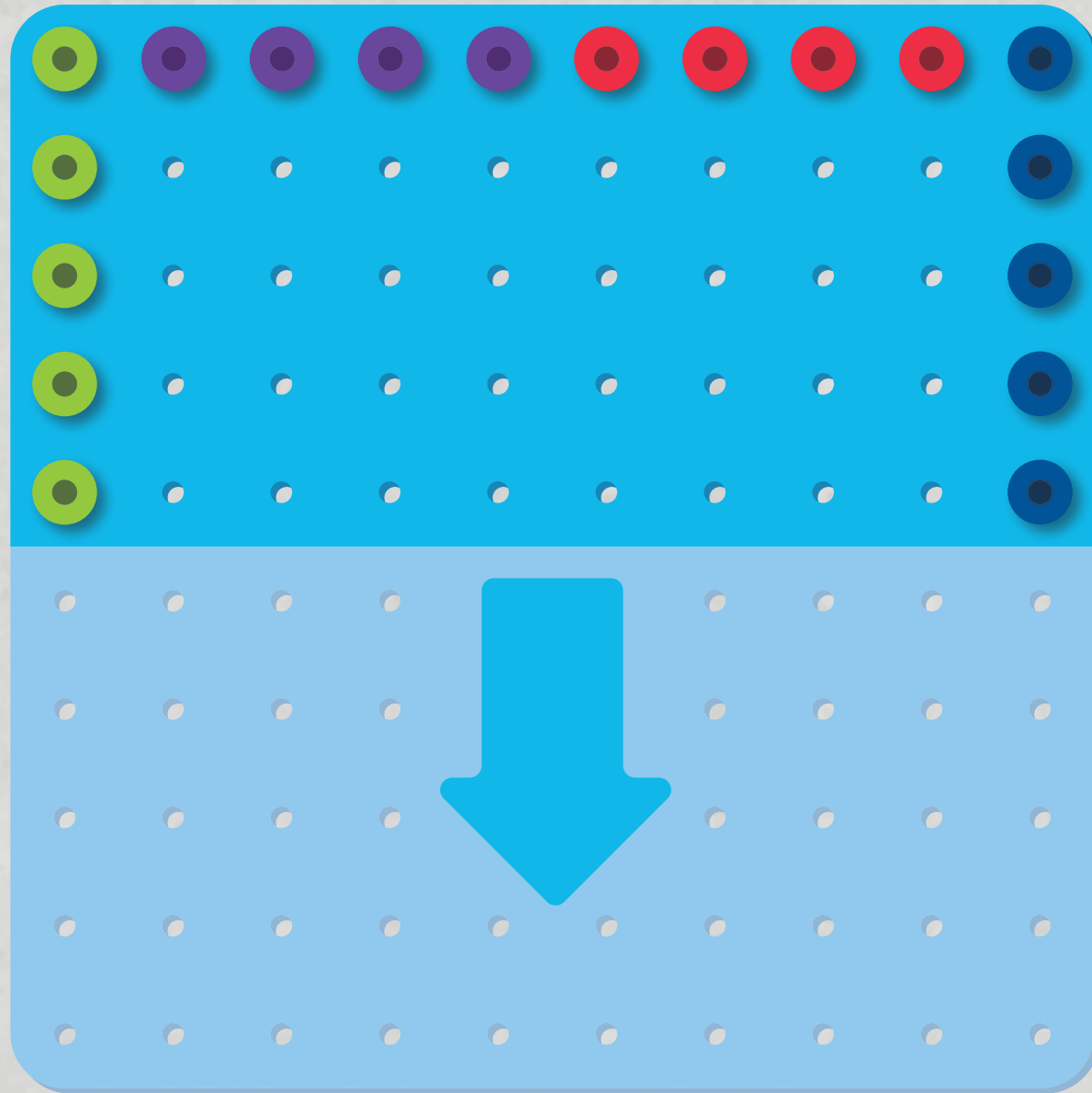
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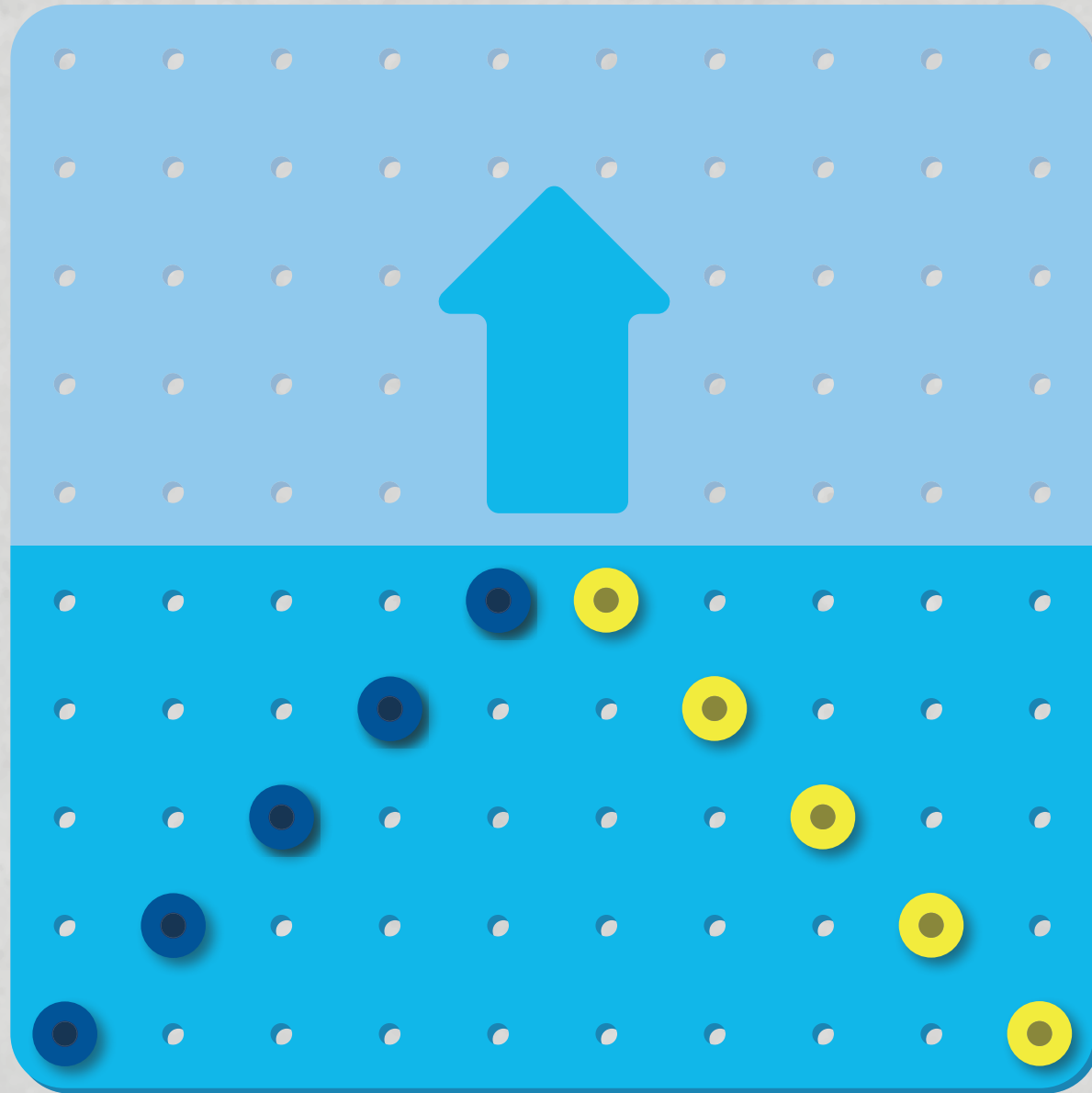


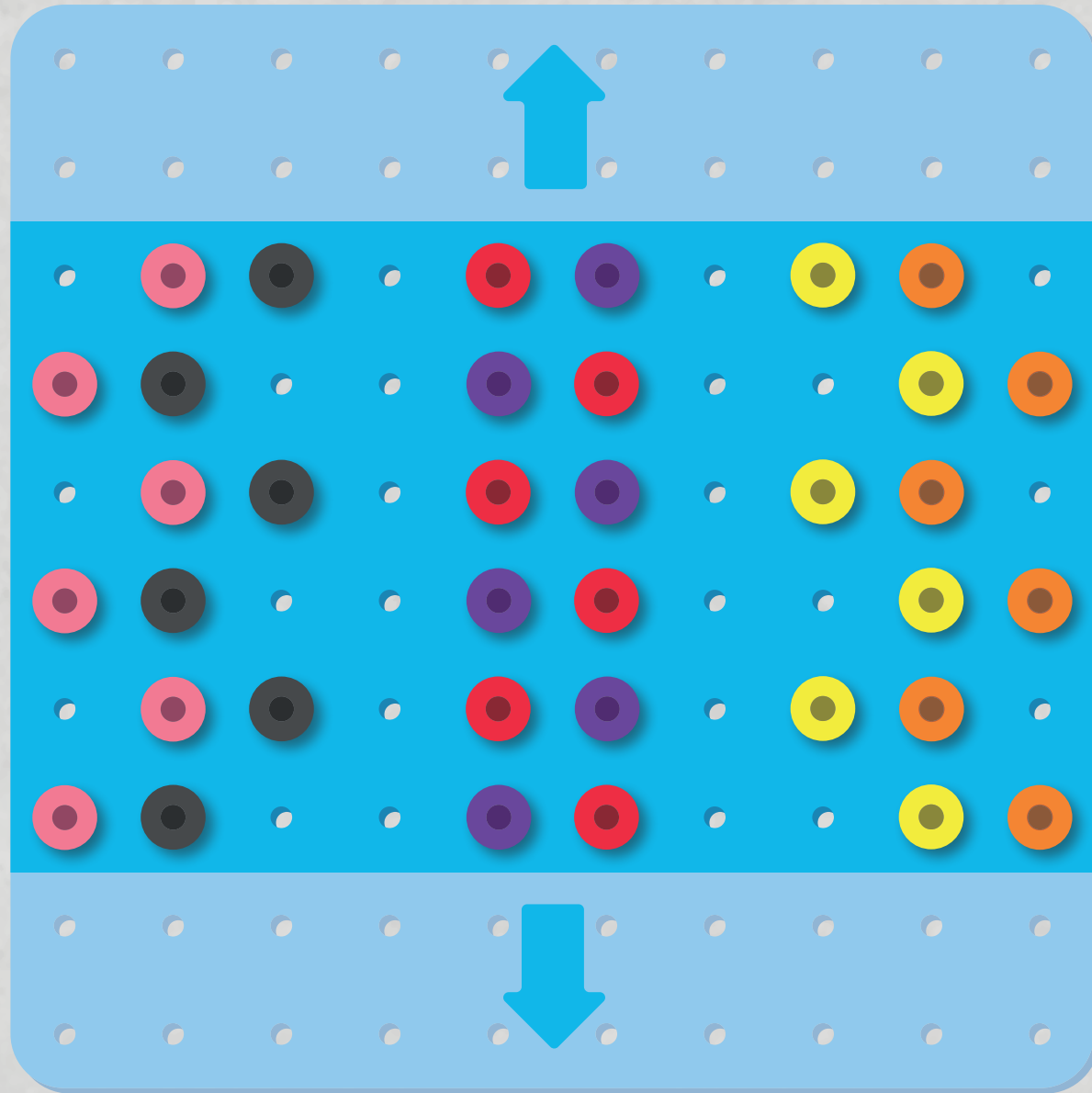
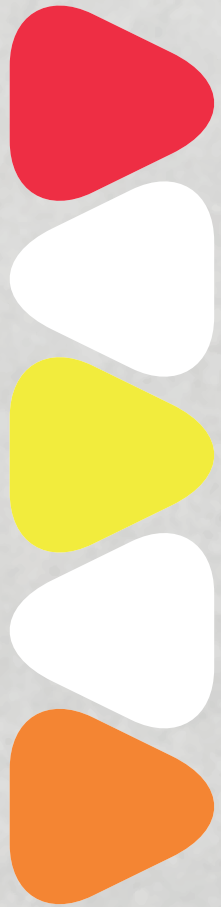












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15

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