

What's the area?

# Ms. Egan's

## Area of Rectilinear Figures

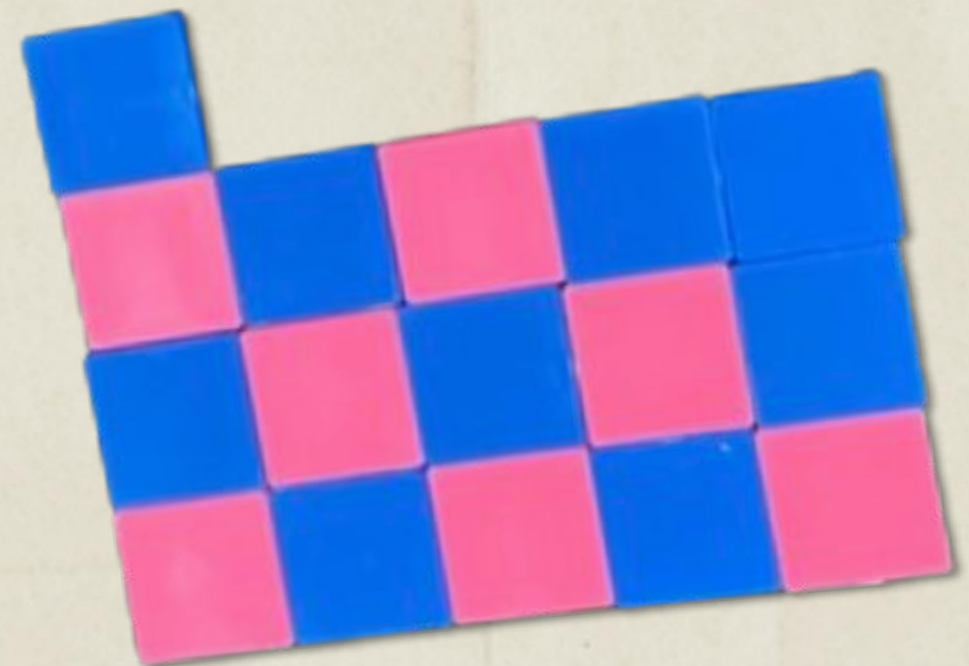
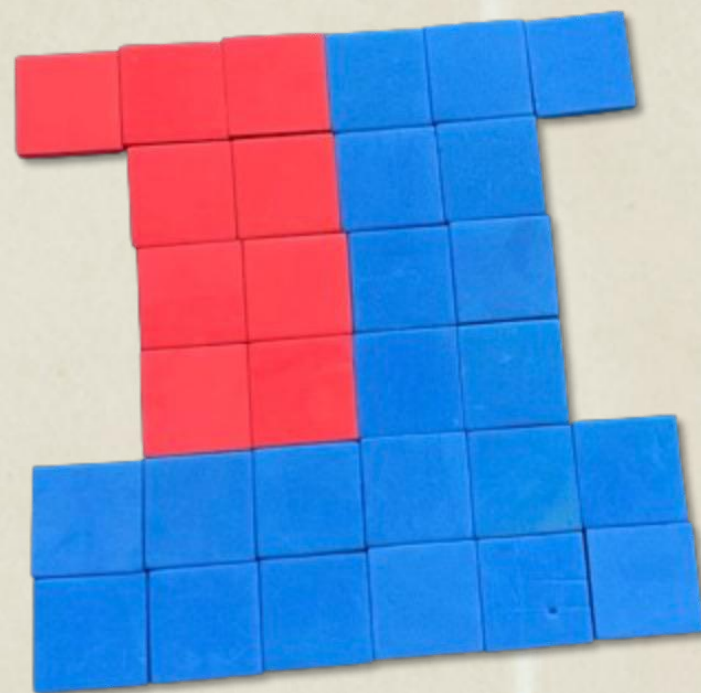
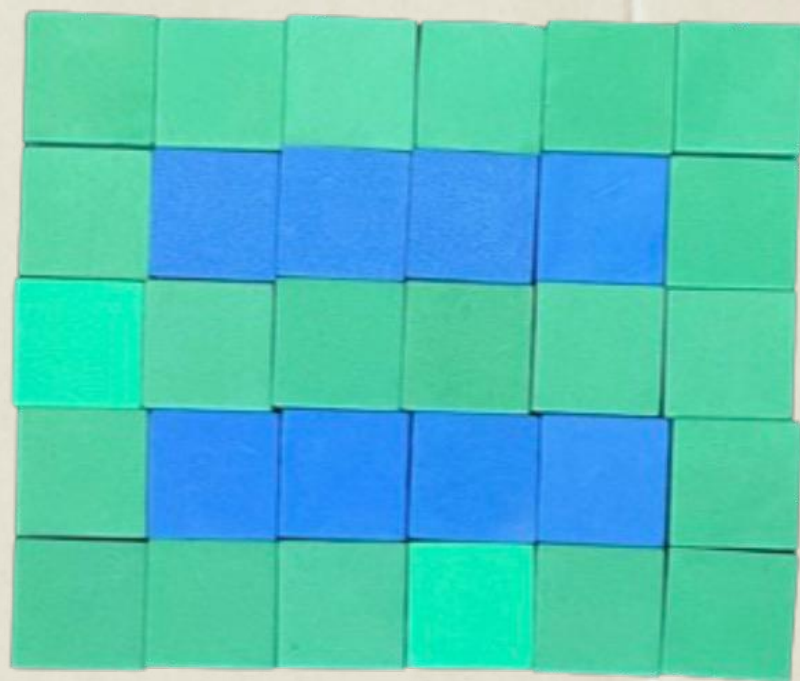
Addressing NGLS: 3.MD.5, 3.MD.6, 3MD.7, 3MD.8

I can find the area of overlapping rectangles.



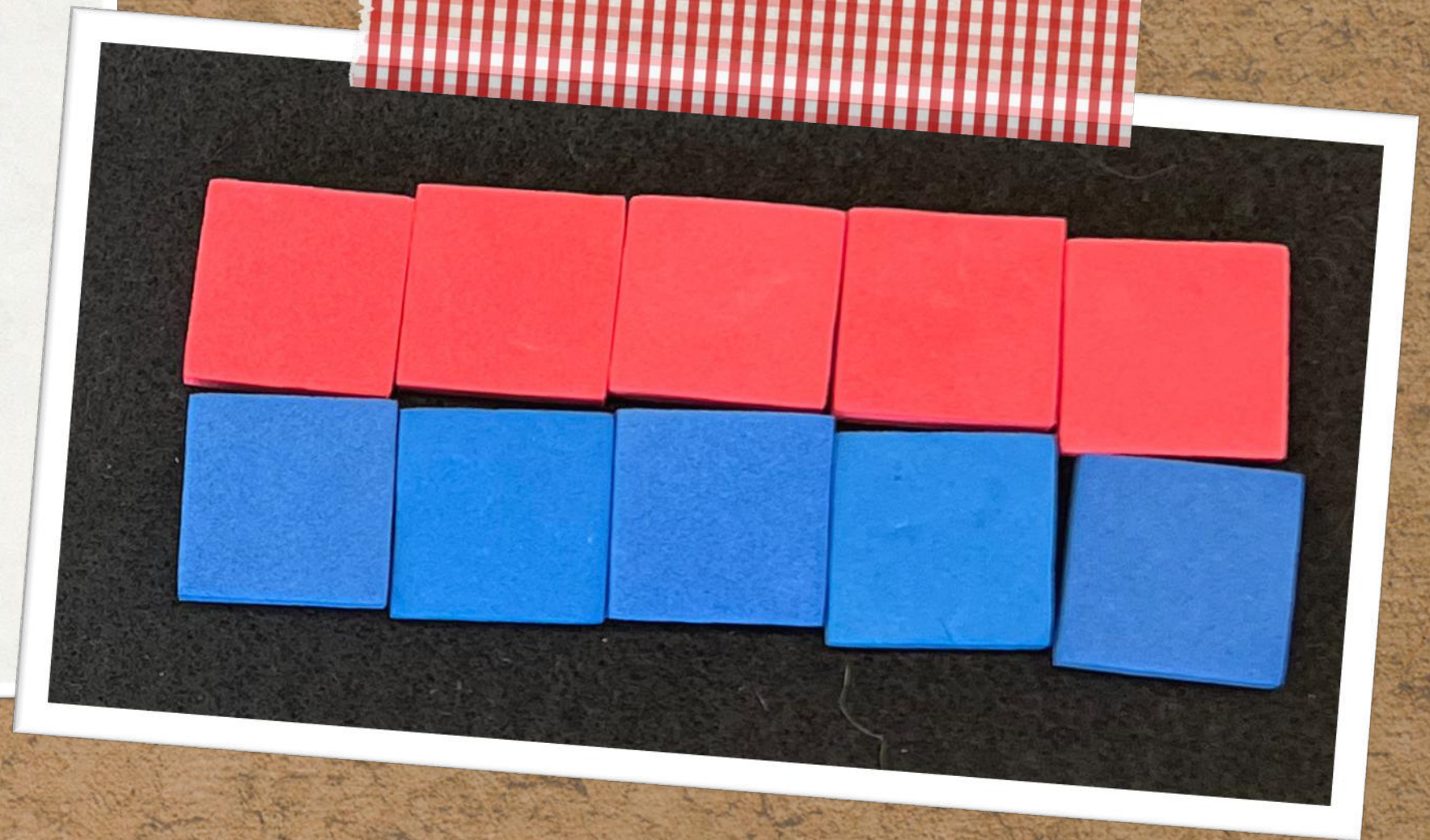
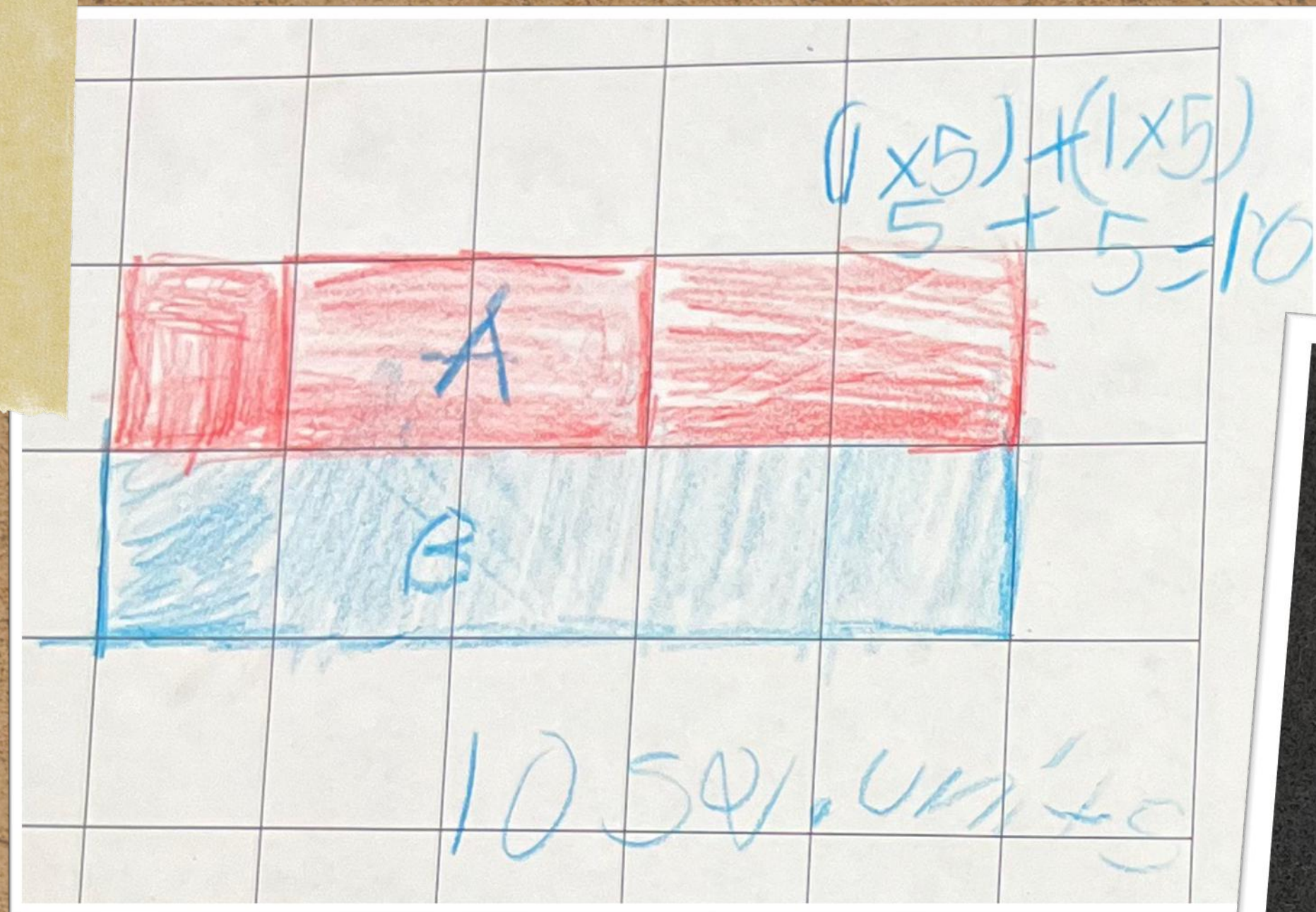
# About this Project

Ms. Egan's students created rectilinear figures using square tiles. Can you figure out the area of these figures?



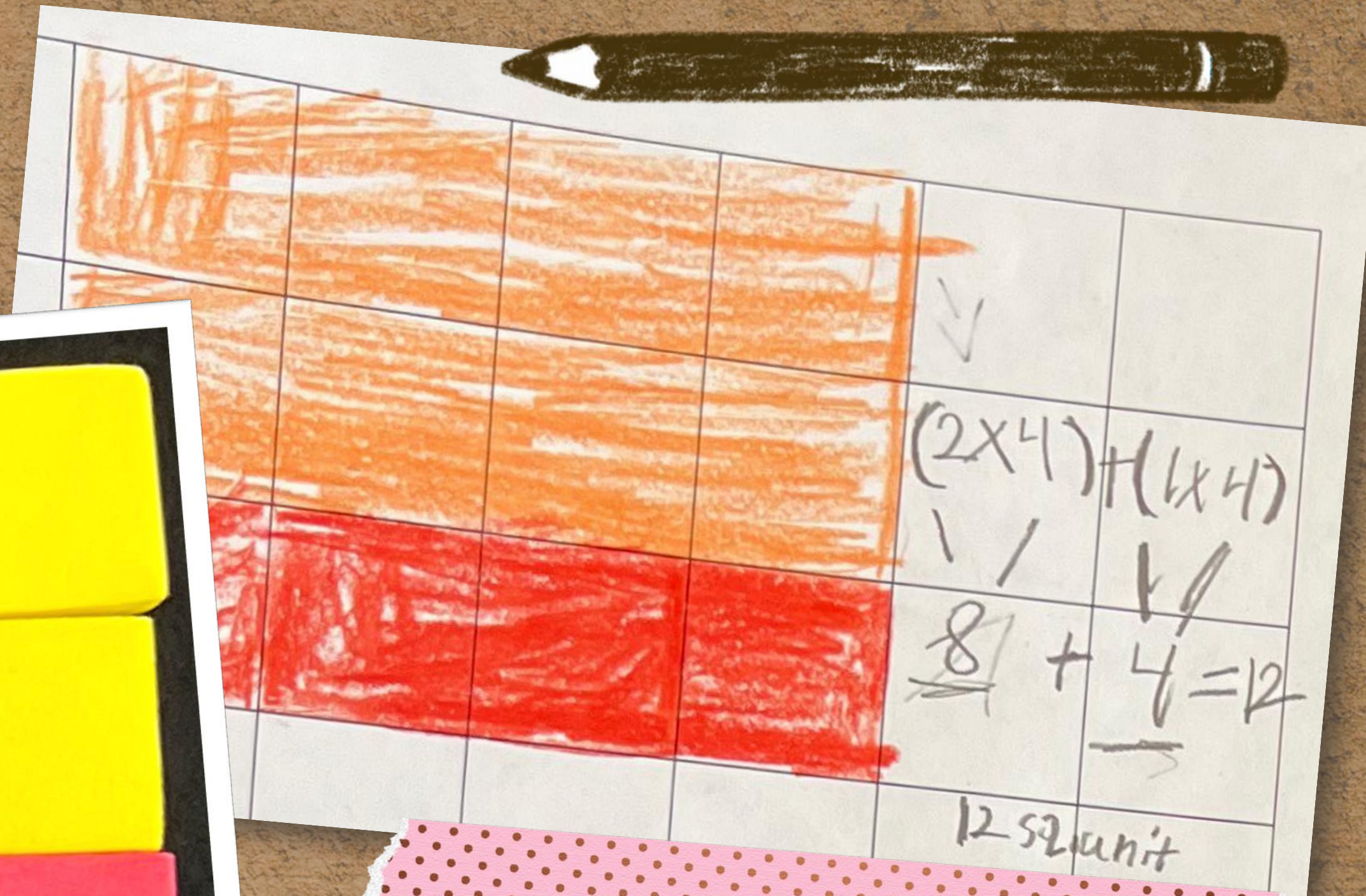
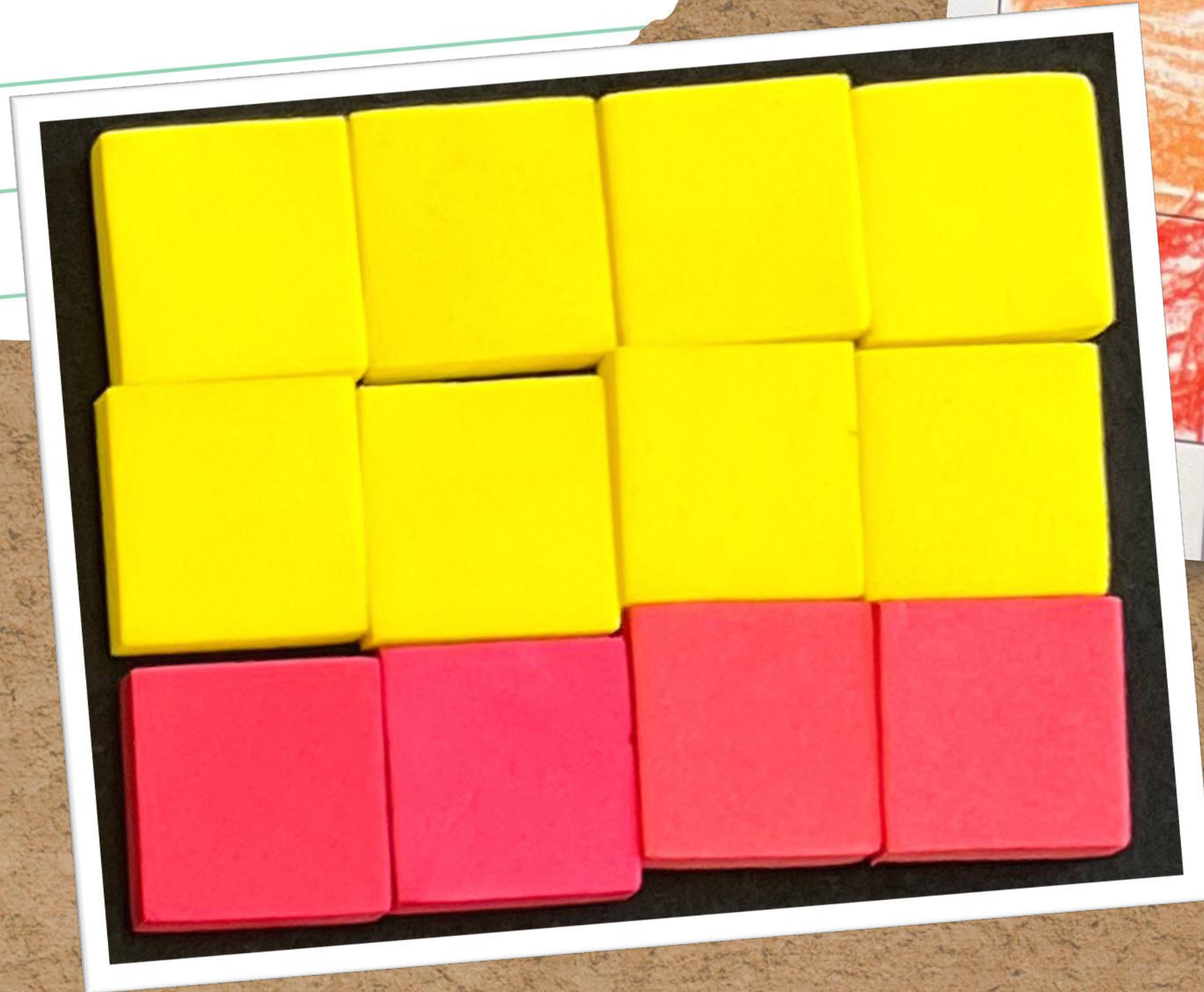


# Rayvon's Work & Design

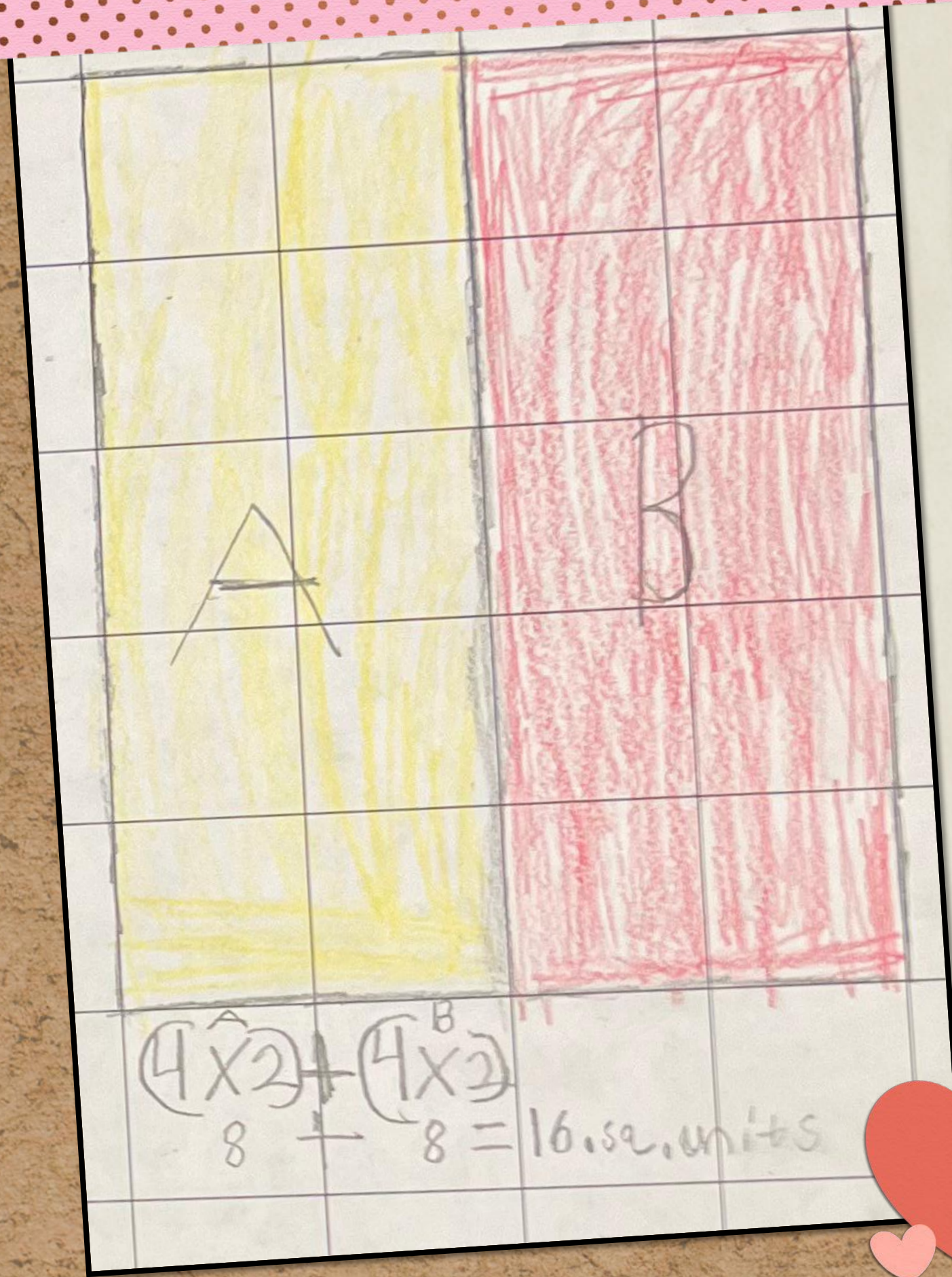




# Jay's Work

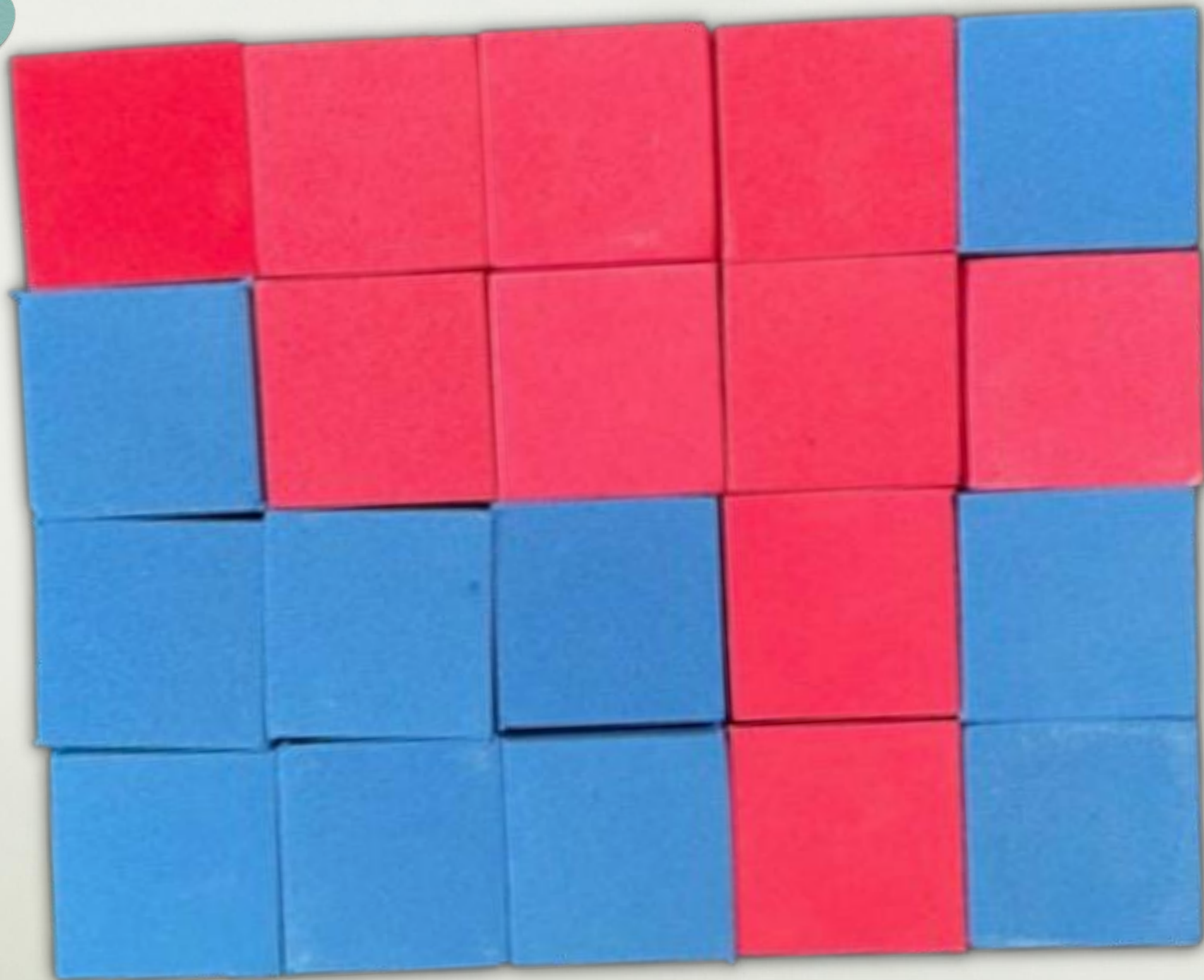






Rayvon's Work & Design





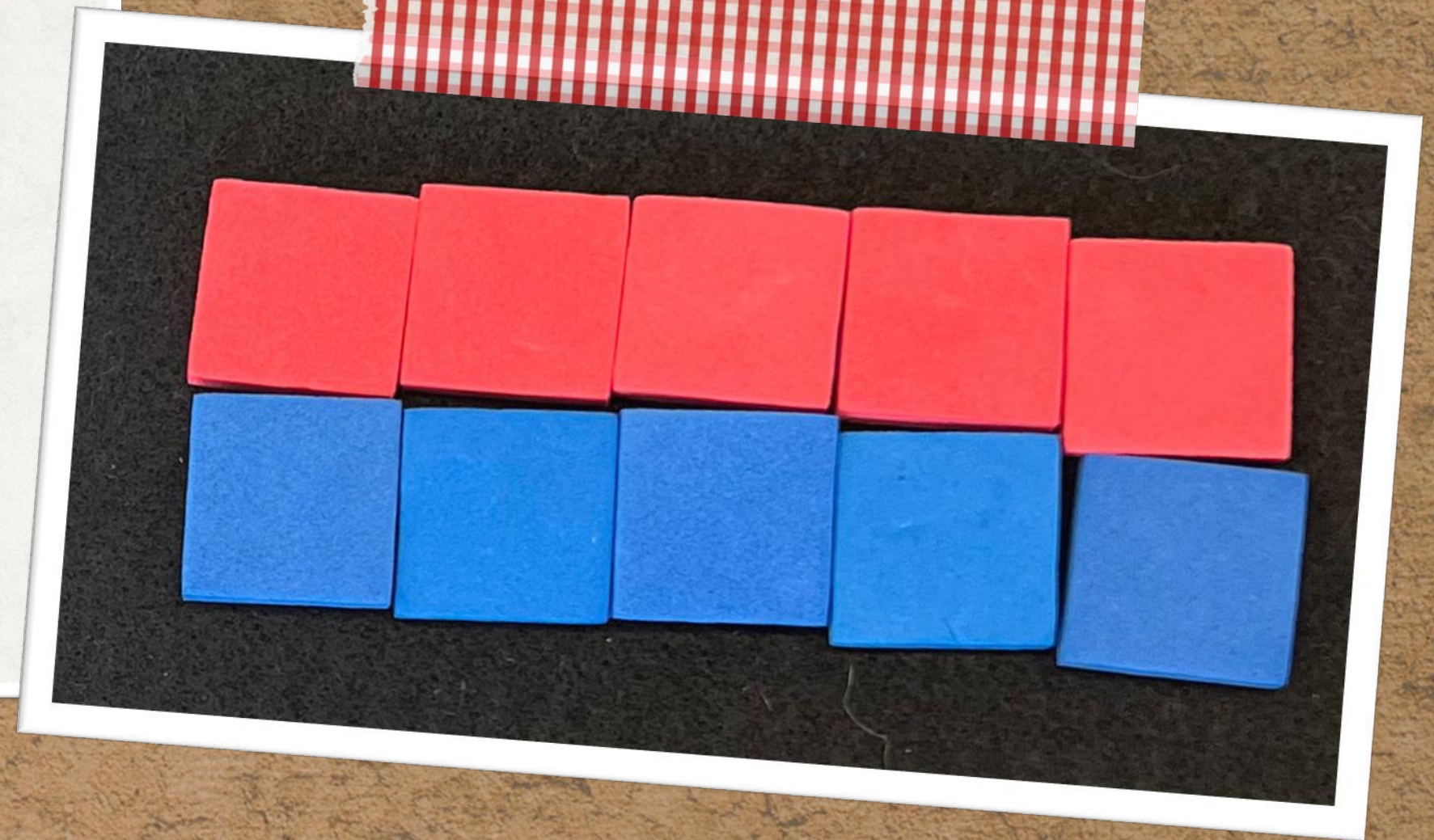
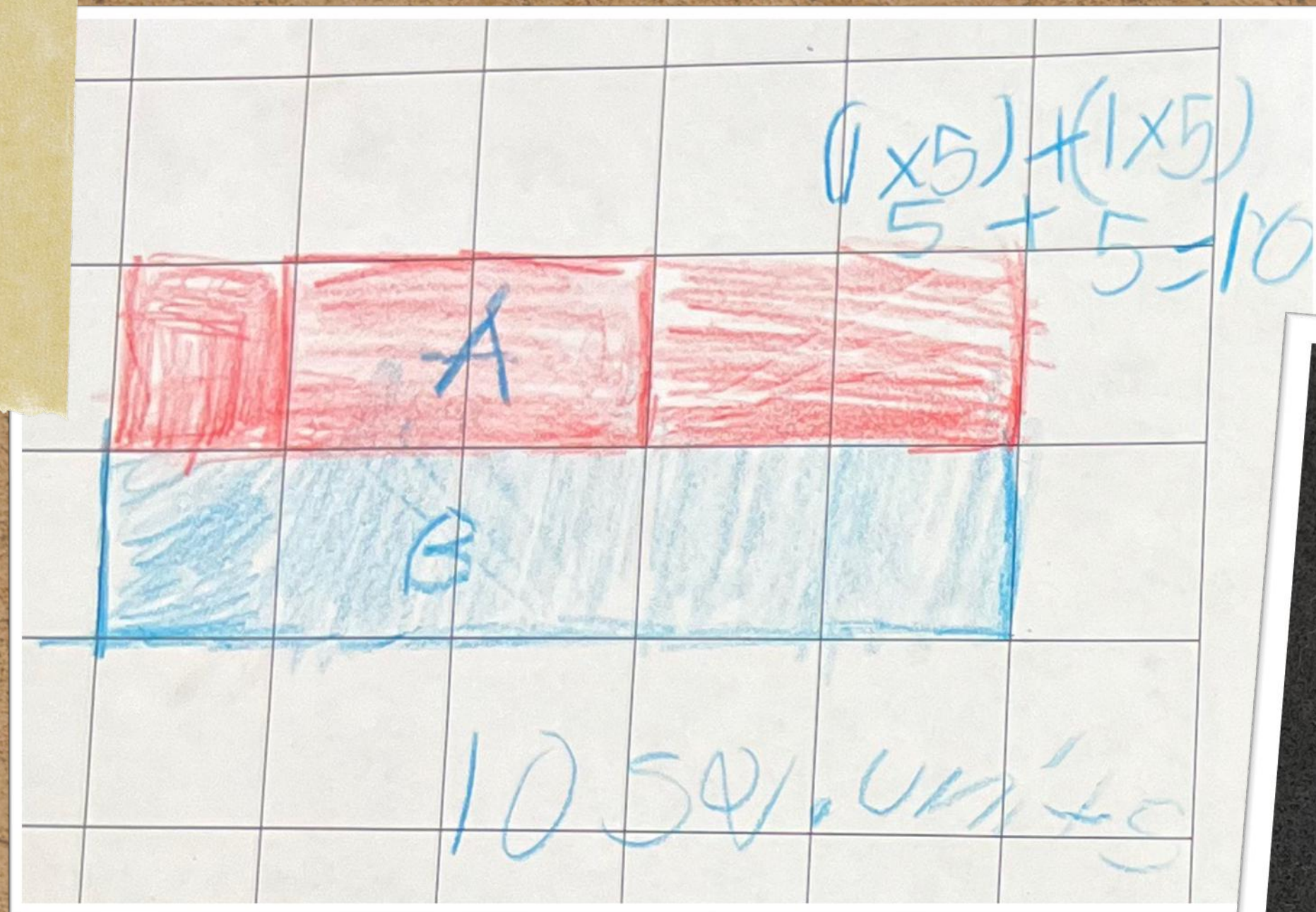
S M T W T F S

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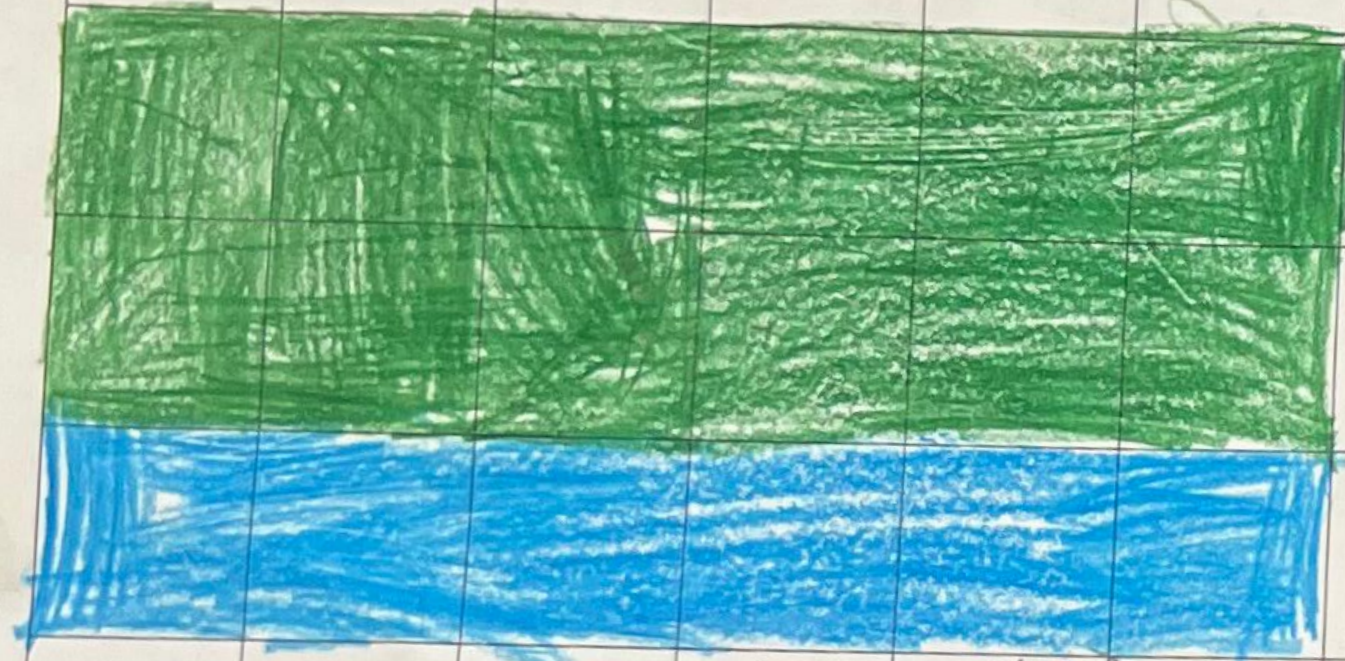


# Rayvon's Work & Design





# Bella's Work & Design



$$(2 \times 6) \neq (1 \times 6)$$

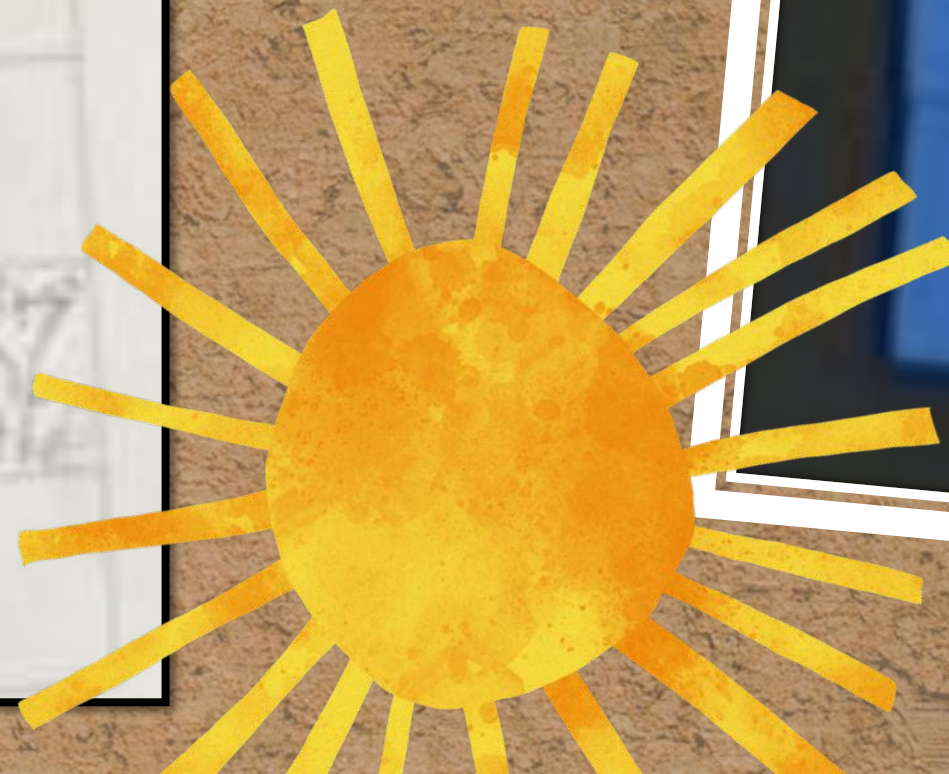
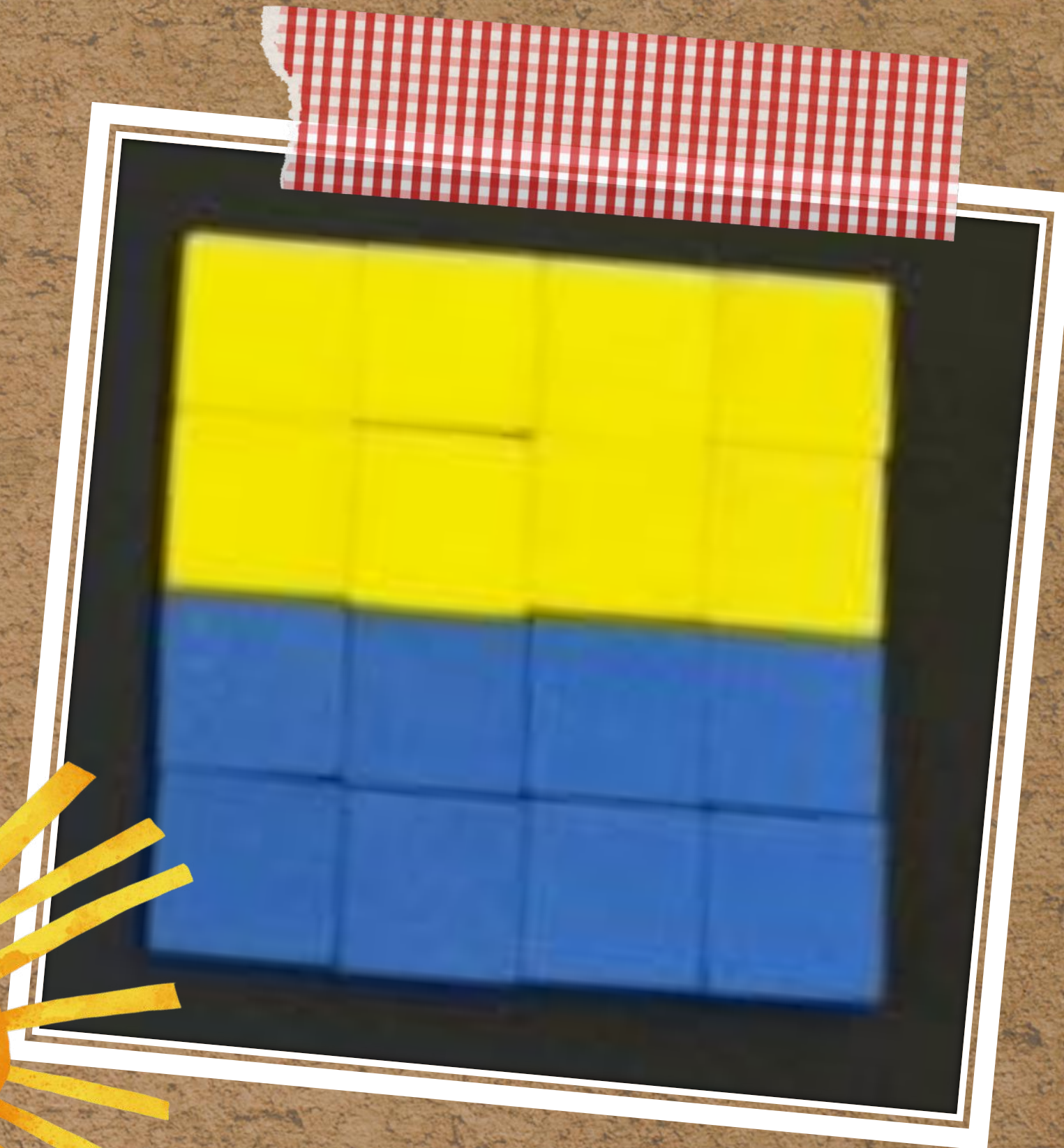
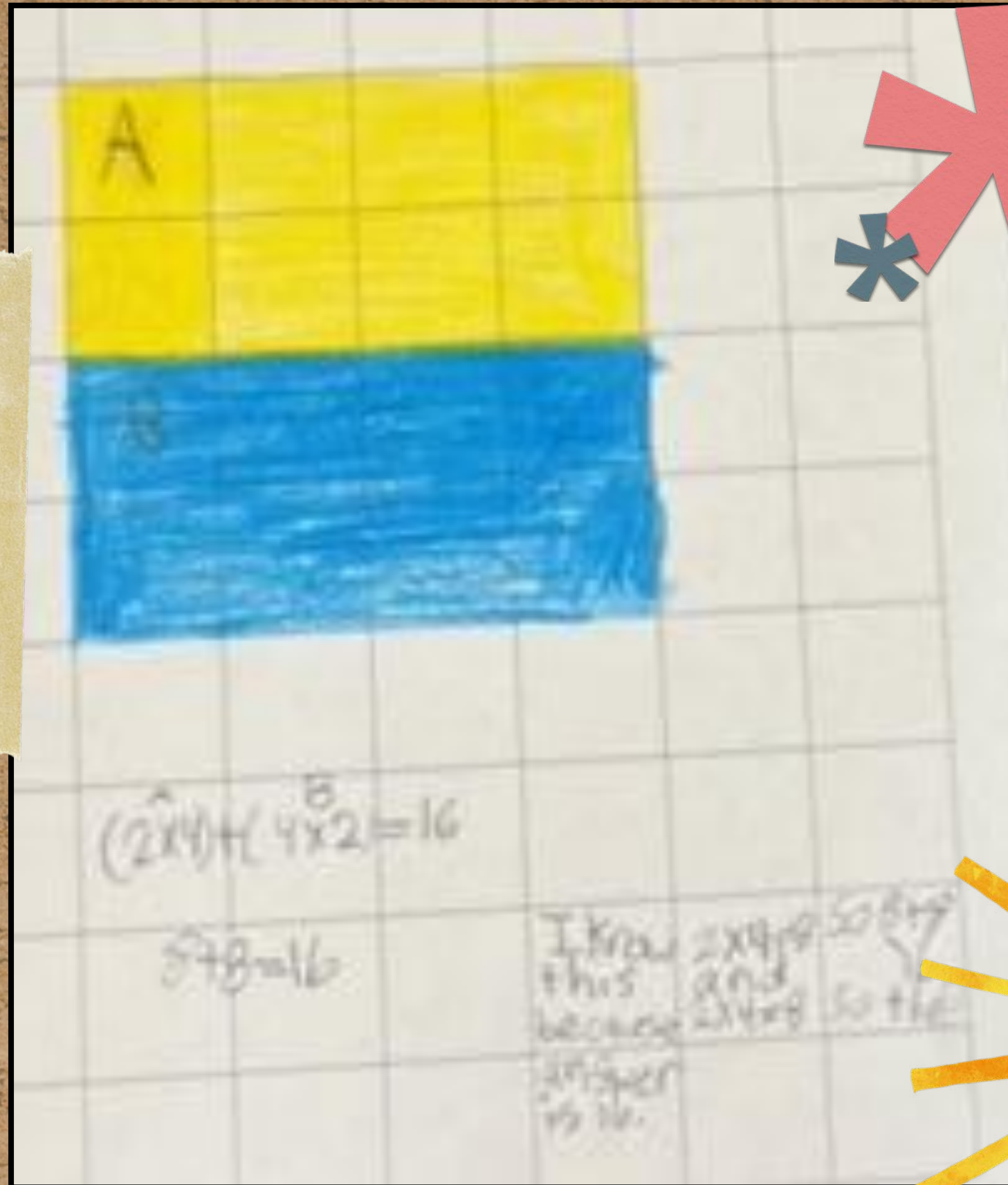
$$\begin{array}{r} +12 \\ 6 \\ \hline \end{array}$$

$$\underline{\hspace{1cm}} 1852 \text{ units}$$



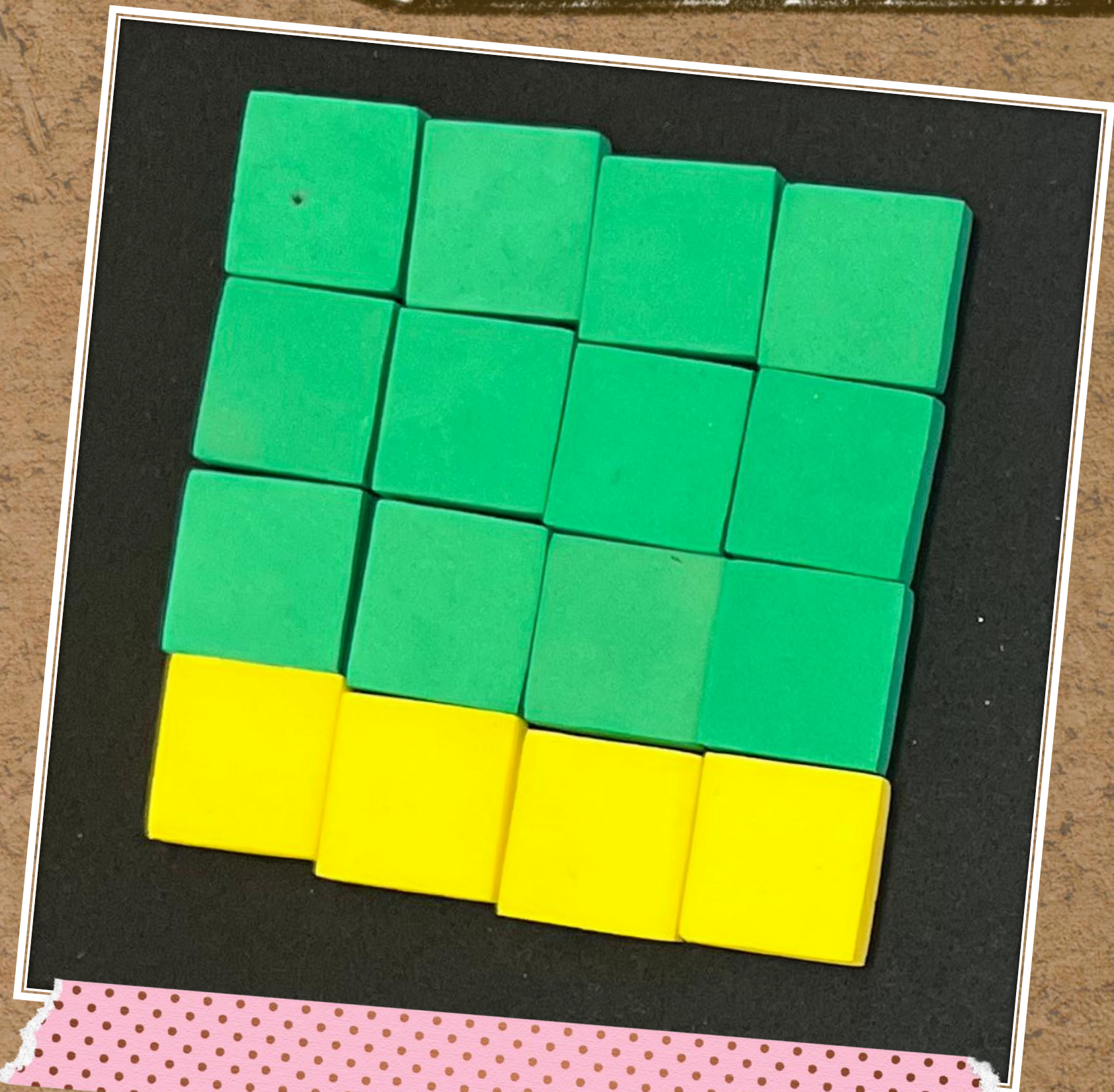


# Zaglee's Work & Design



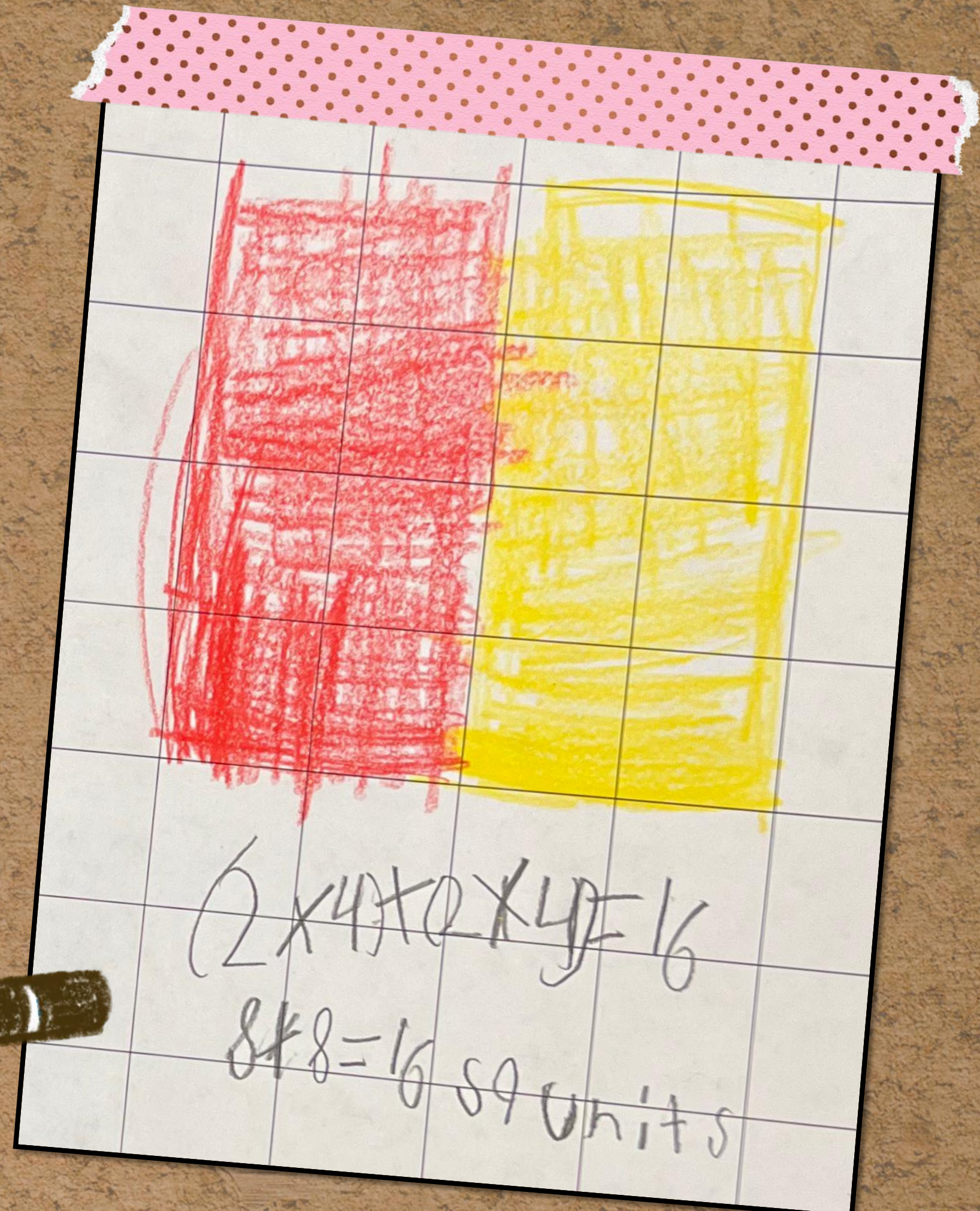
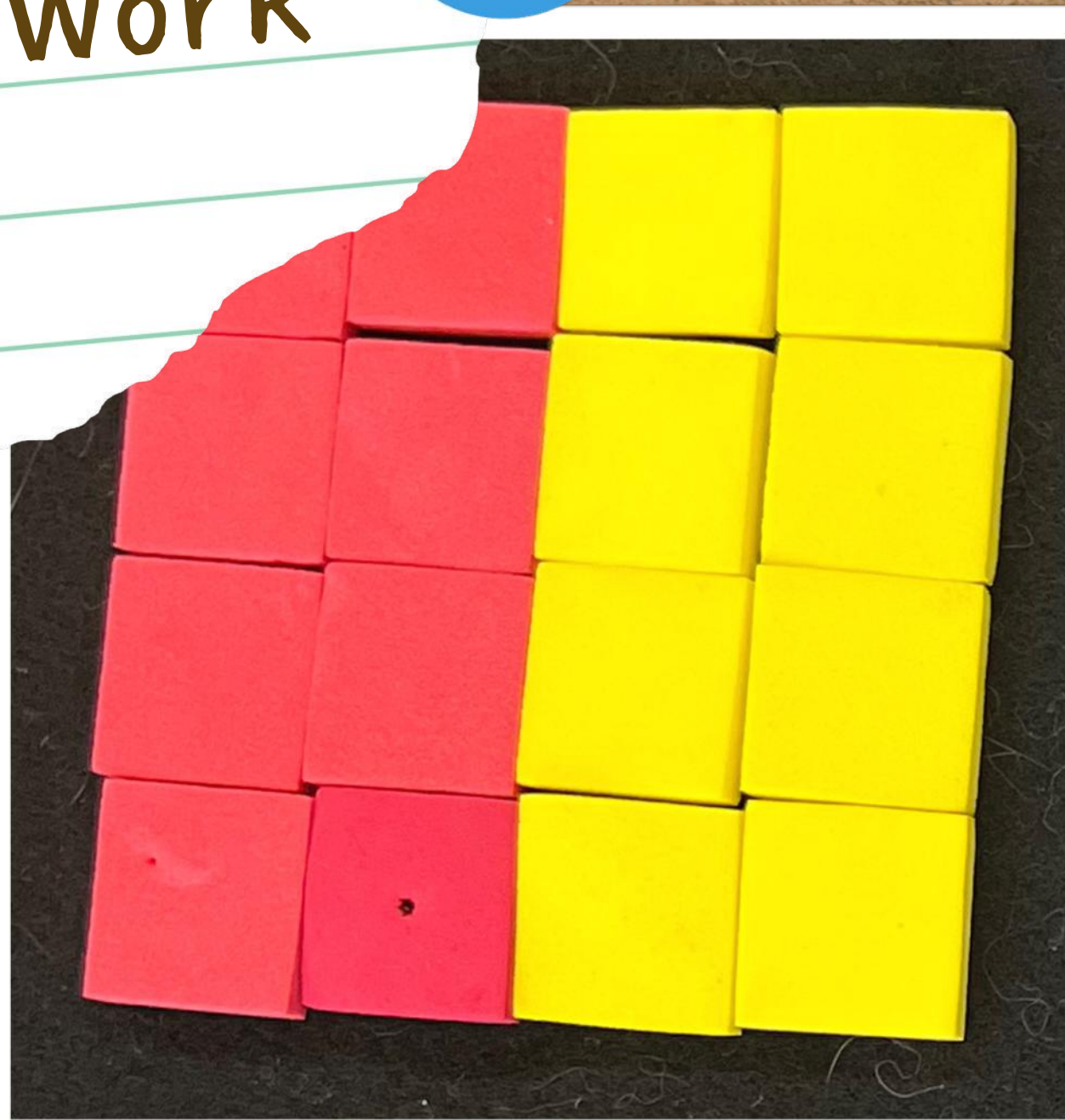


# Nico's Work

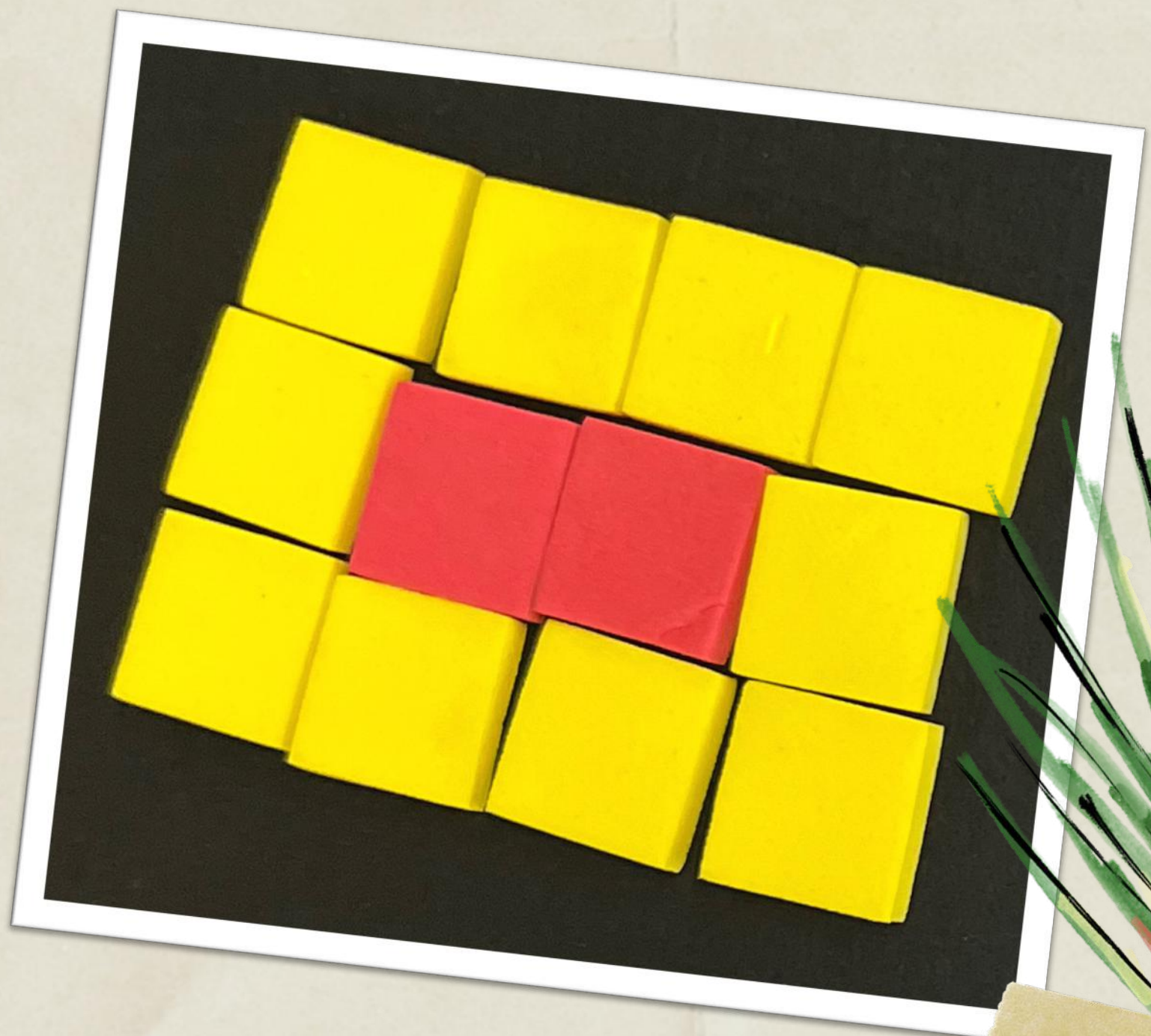
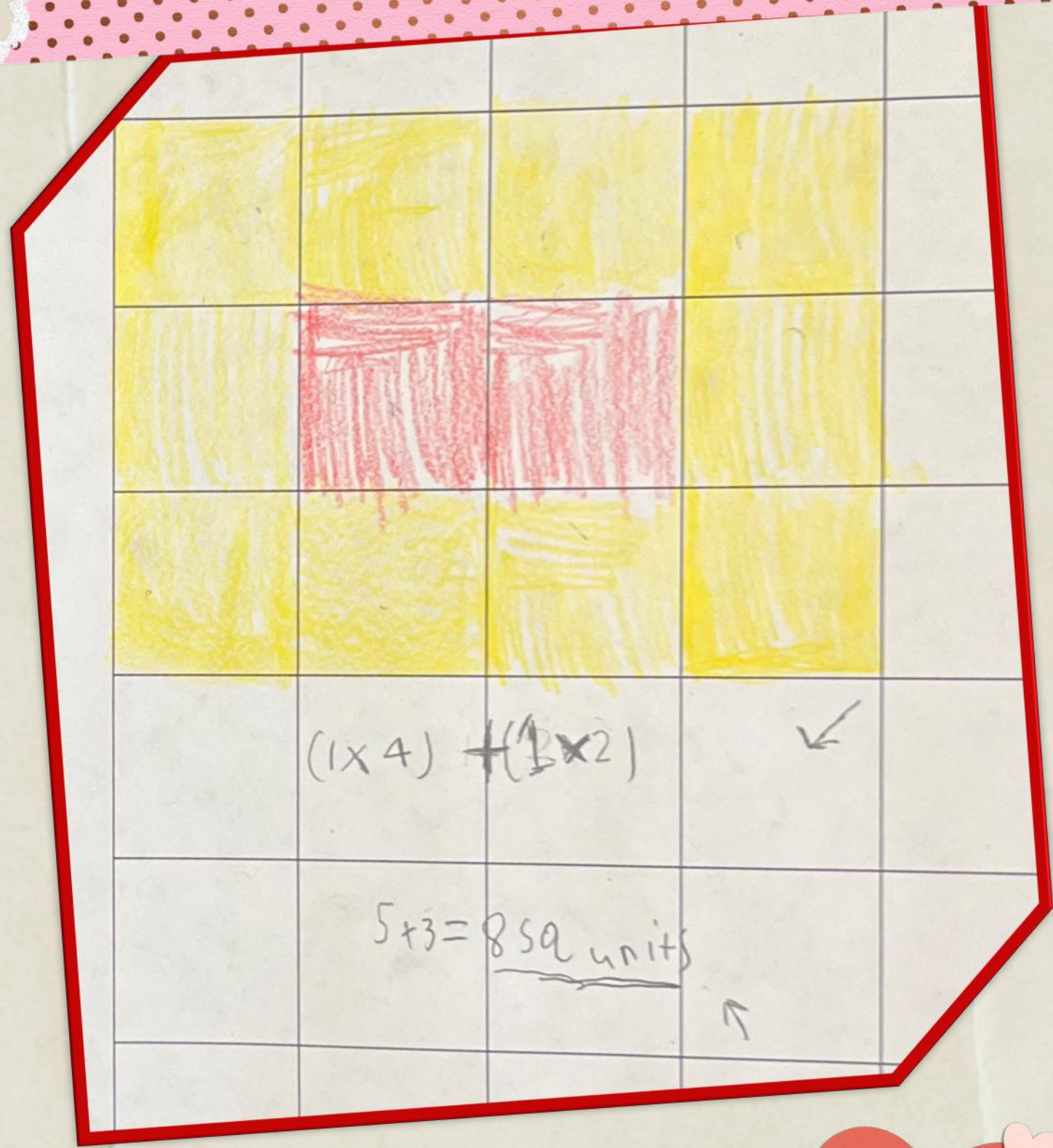




# Omar's Work



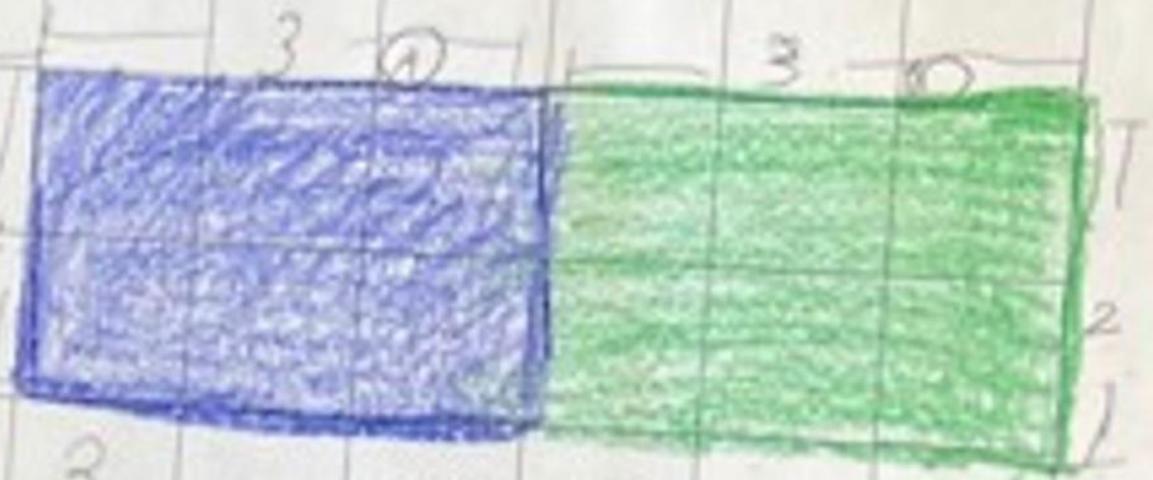




Yessica's Work & Design



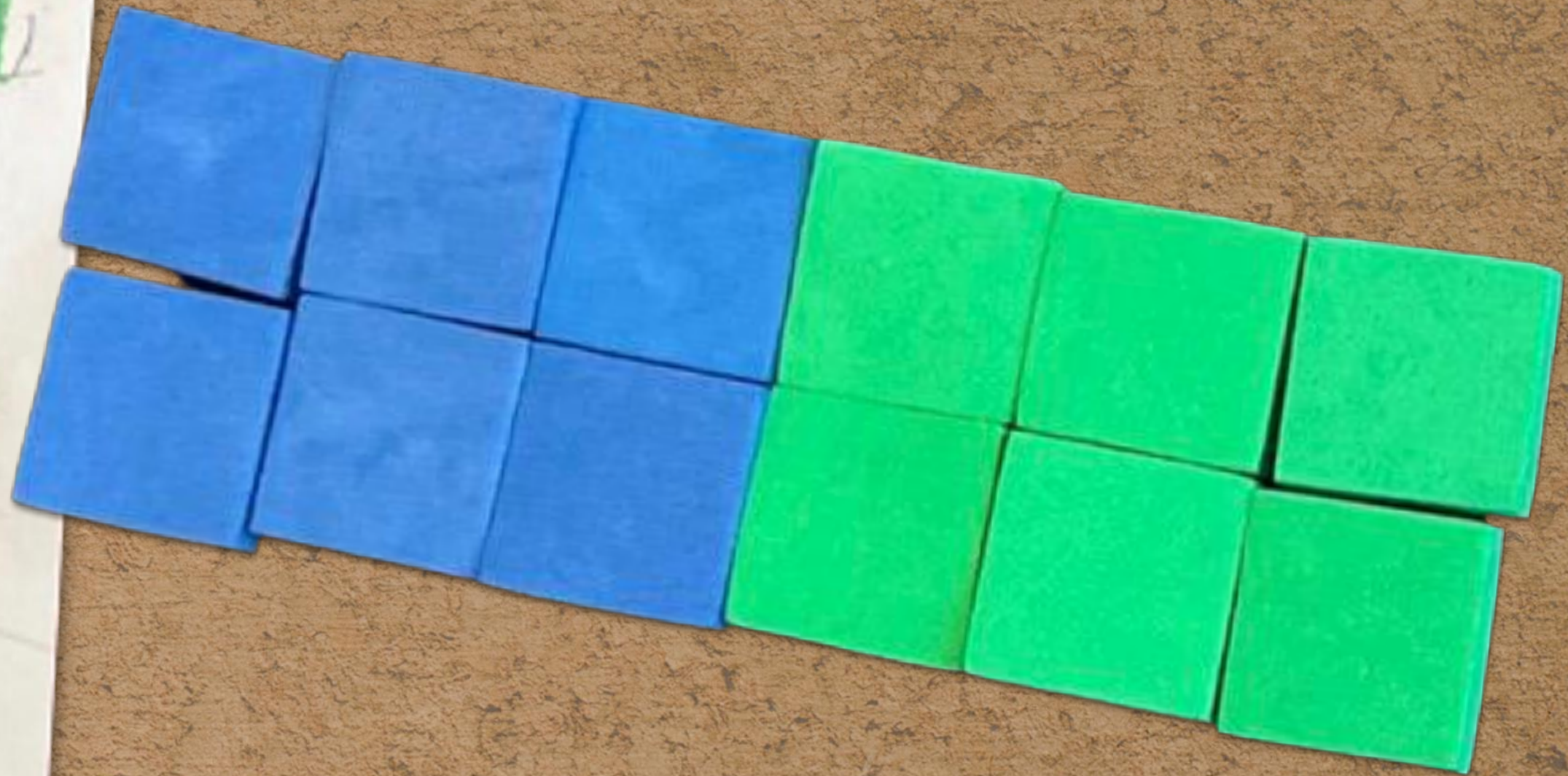
# Bryanna's Work & Design



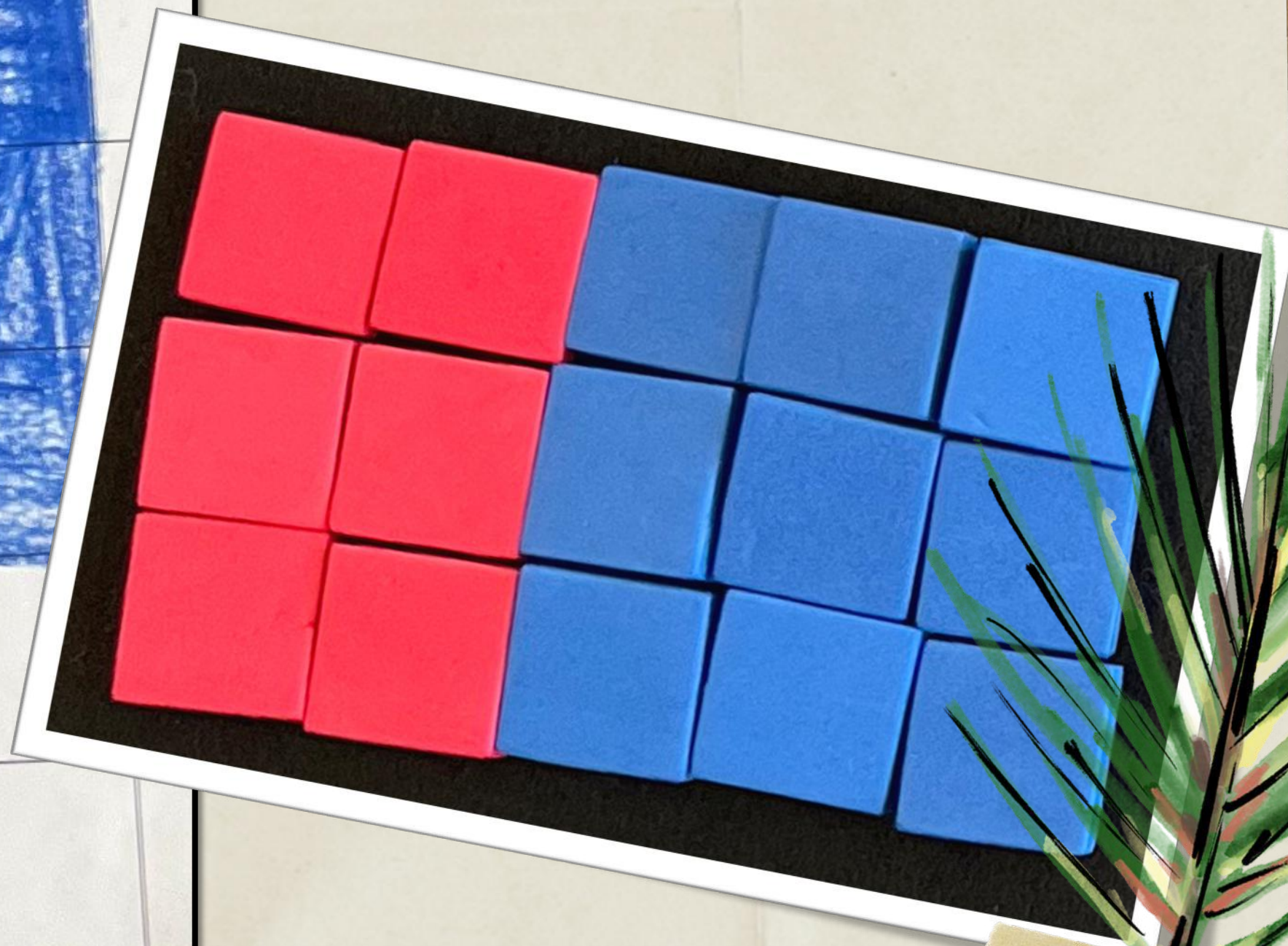
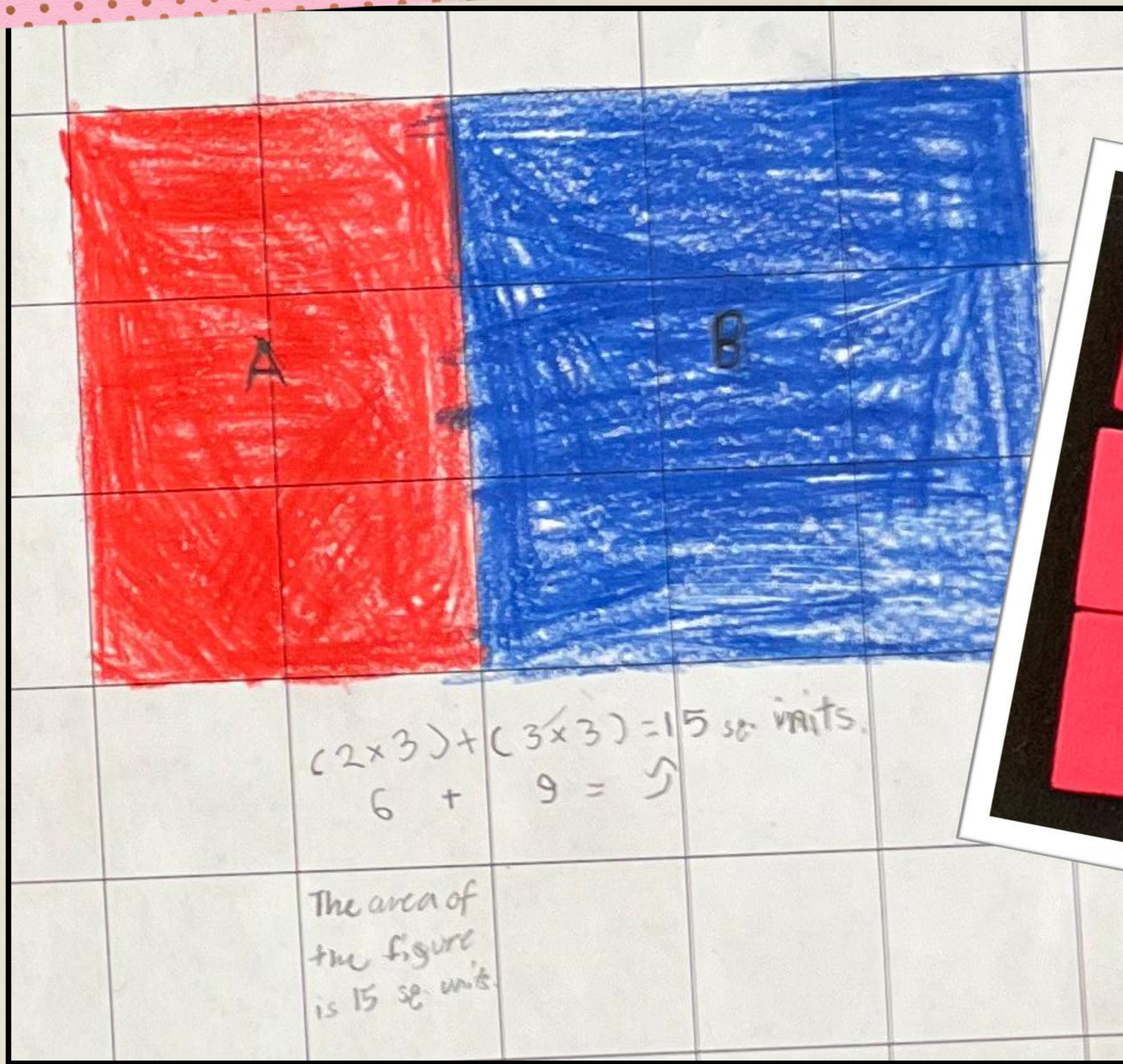
$$(3 \times 2) + (2 \times 3) =$$
$$\begin{array}{r} \backslash \quad / \quad \backslash \quad / \\ 6 \quad + \quad 6 \quad = 12 \end{array}$$

There are 12 Sq. units.  
There are 6 Blues and

6 greens.  $\begin{array}{r} 3 \times 2 \\ \checkmark \\ 6 \end{array}$   $\begin{array}{r} 3 \times 2 \\ \checkmark \\ 6 \end{array}$   $\begin{array}{r} 6 + 6 \\ \checkmark \\ 12 \text{ Sq. units} \end{array}$



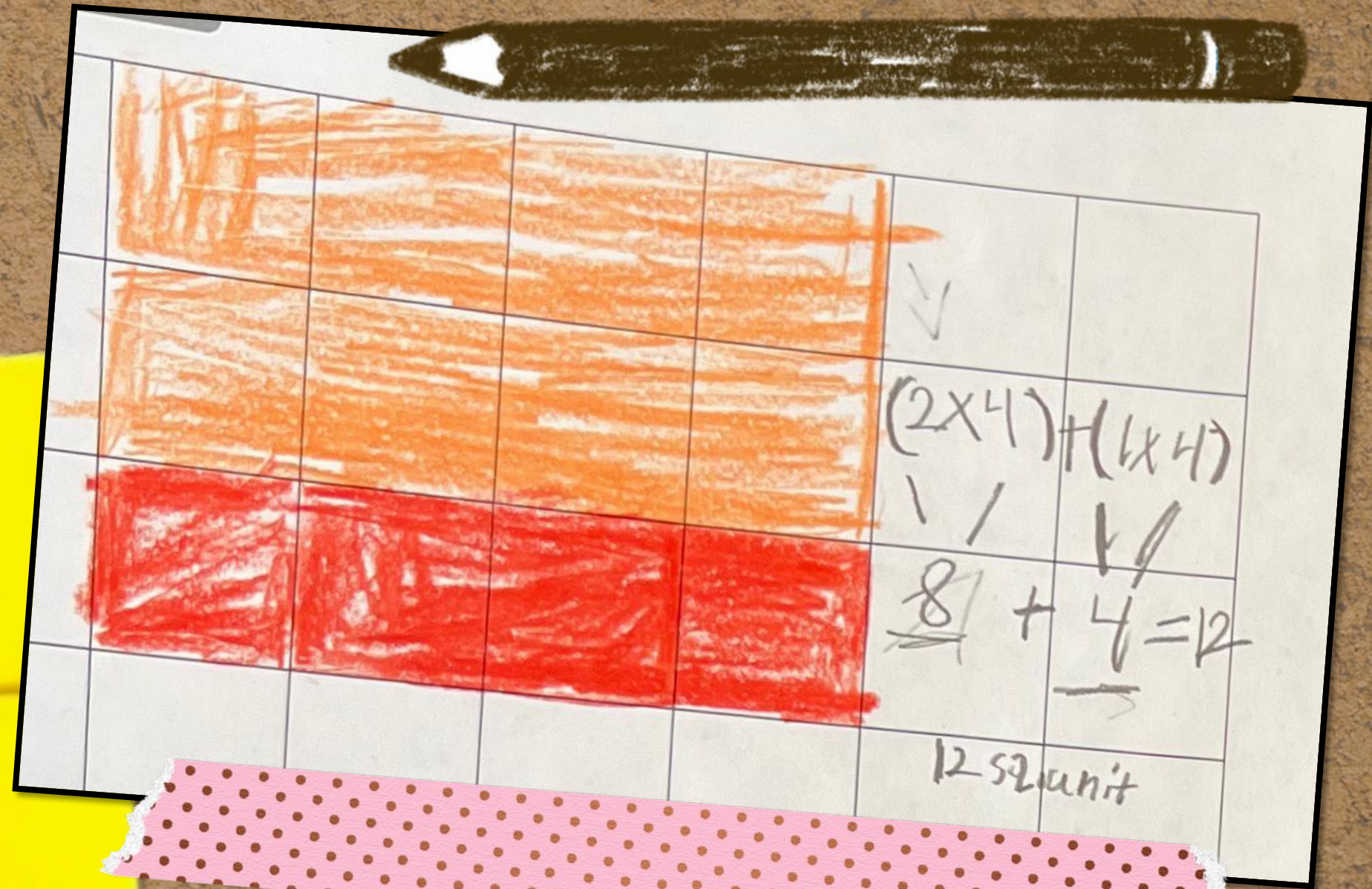




Kathryn's Work & Design

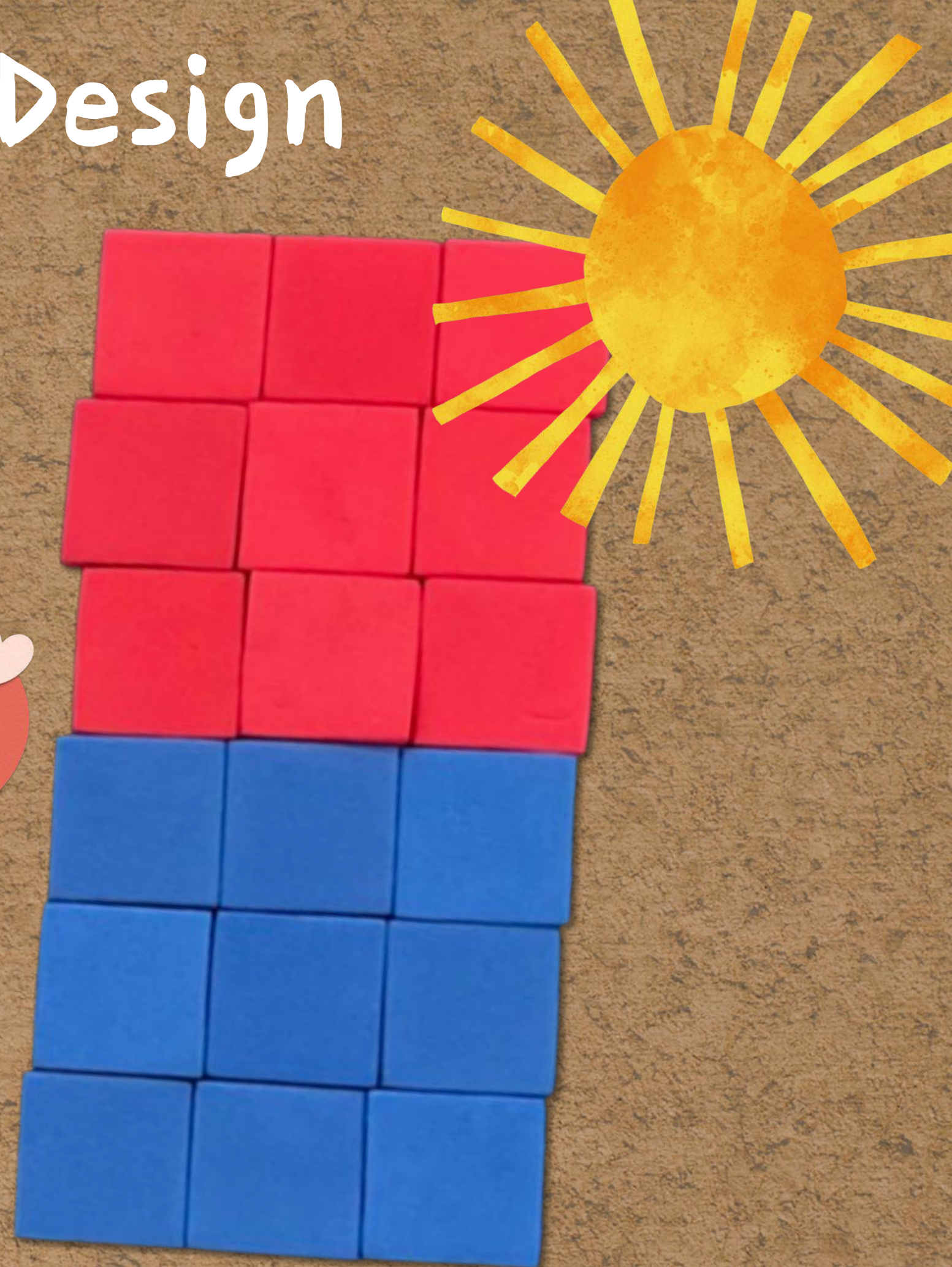
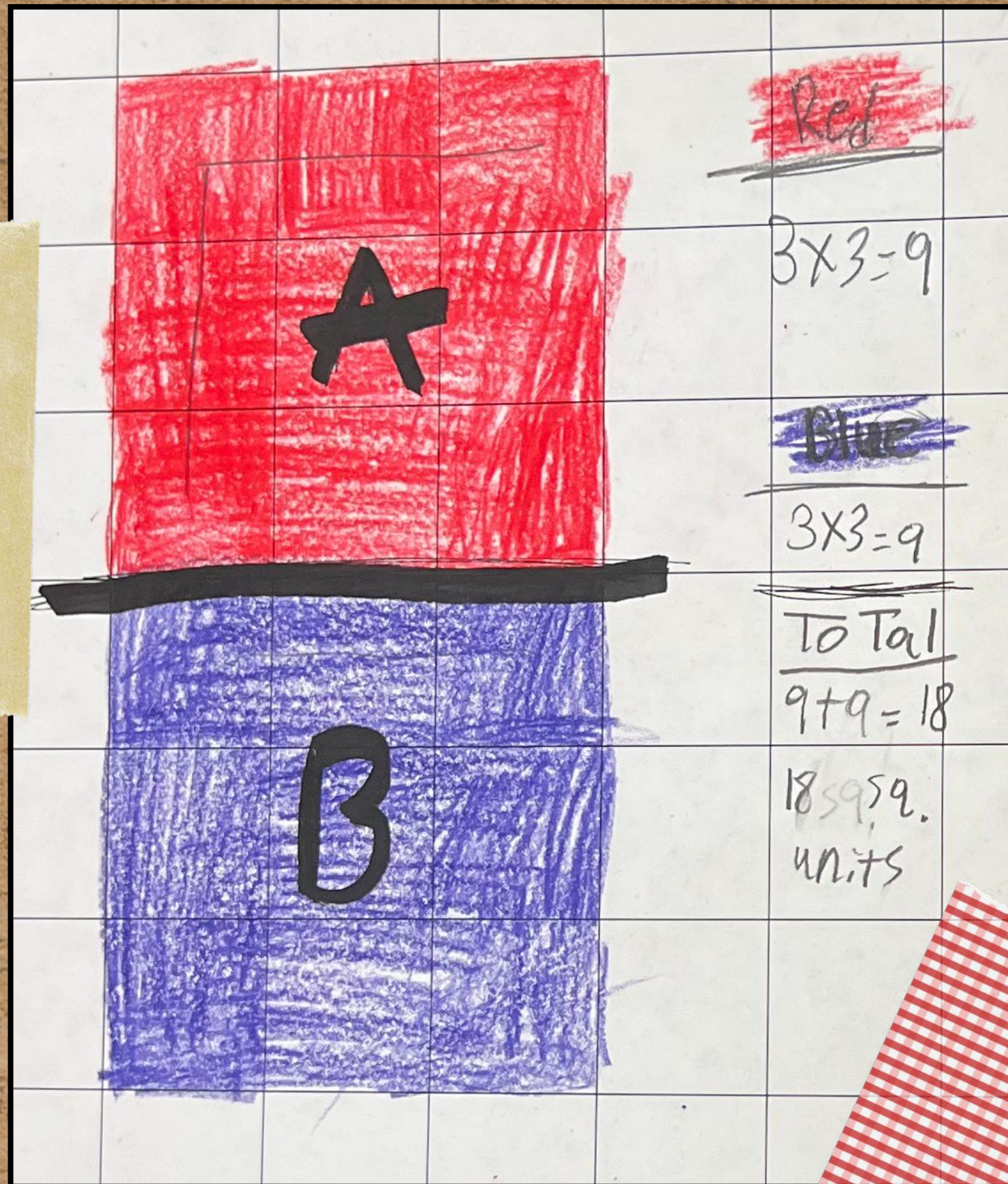


# Ambar's Work





# Zee's Work & Design





My Work



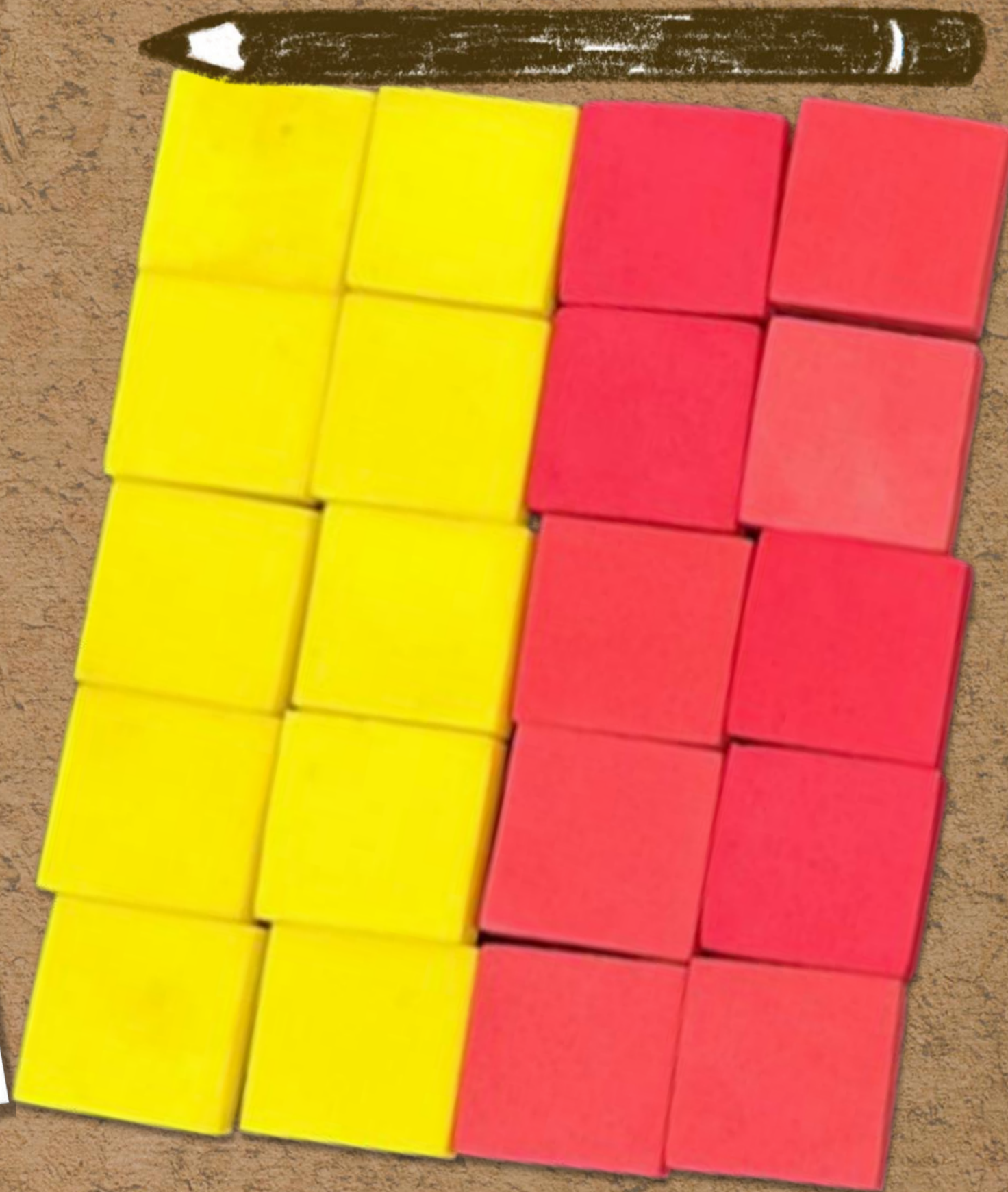
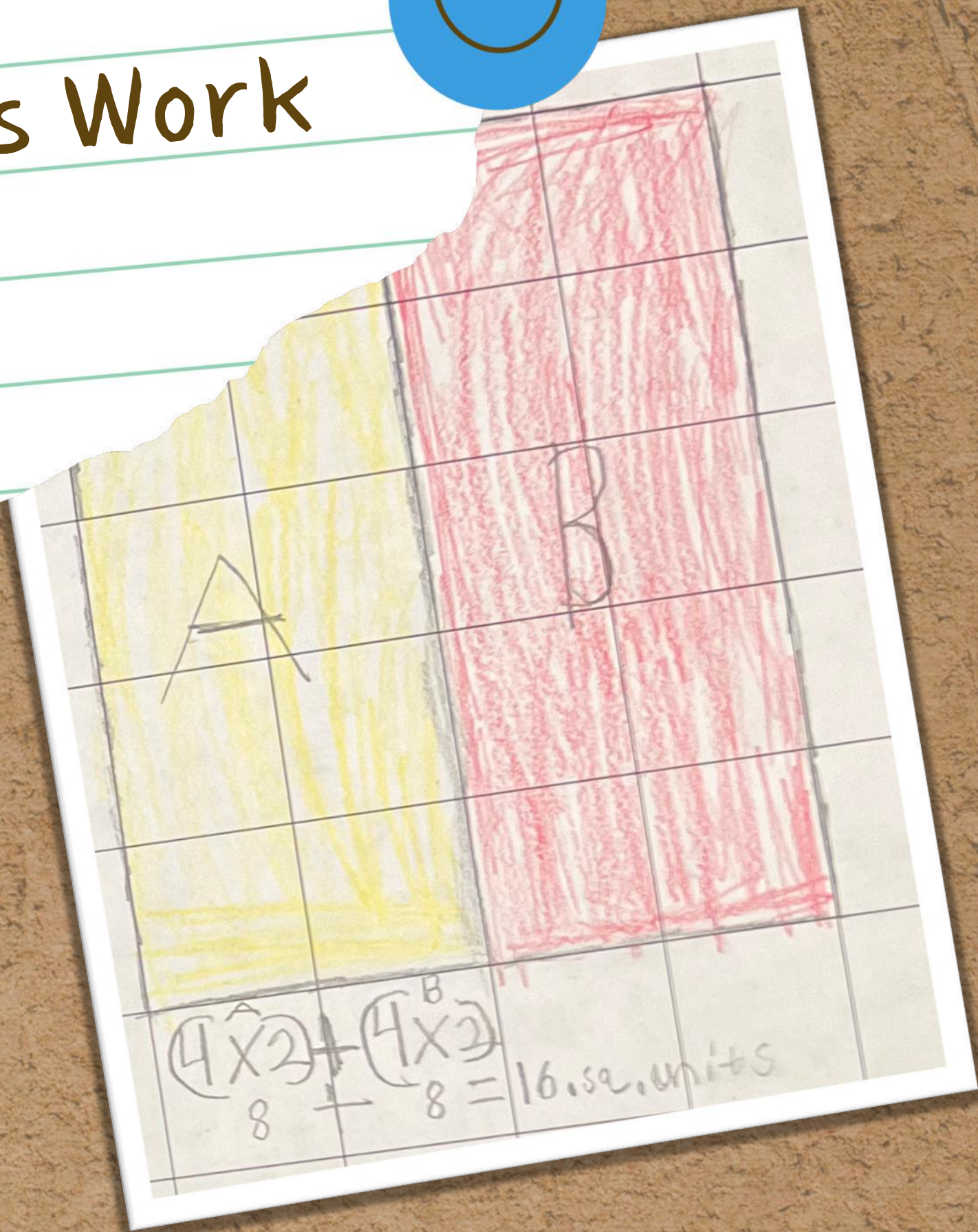


# Marai's Work

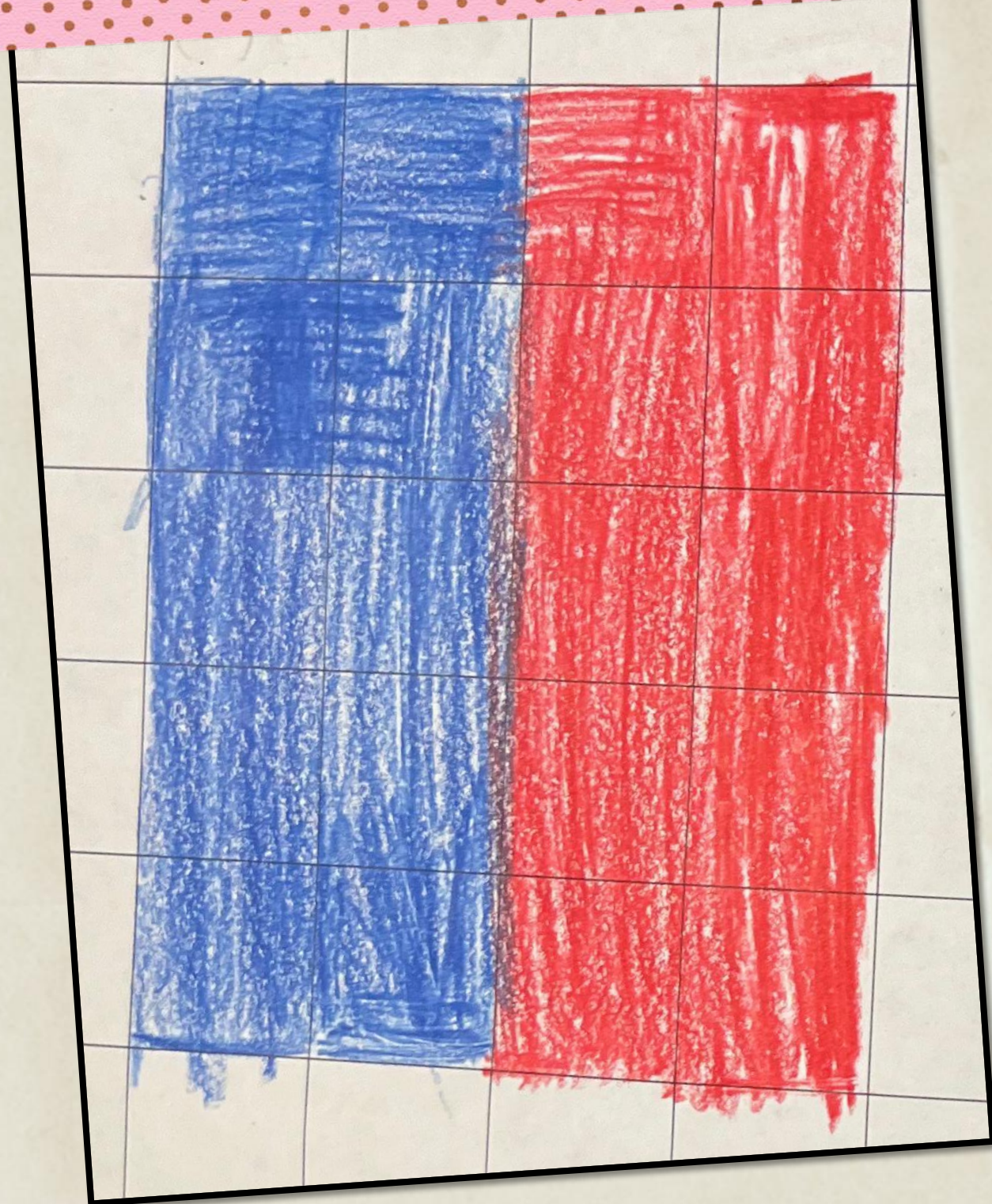




# Caira's Work







$(2 \times 5) + (2 \times 5) = 20$  There are 20 sq. units,  
 $10 + 10 = 20$

Red and Blue Design

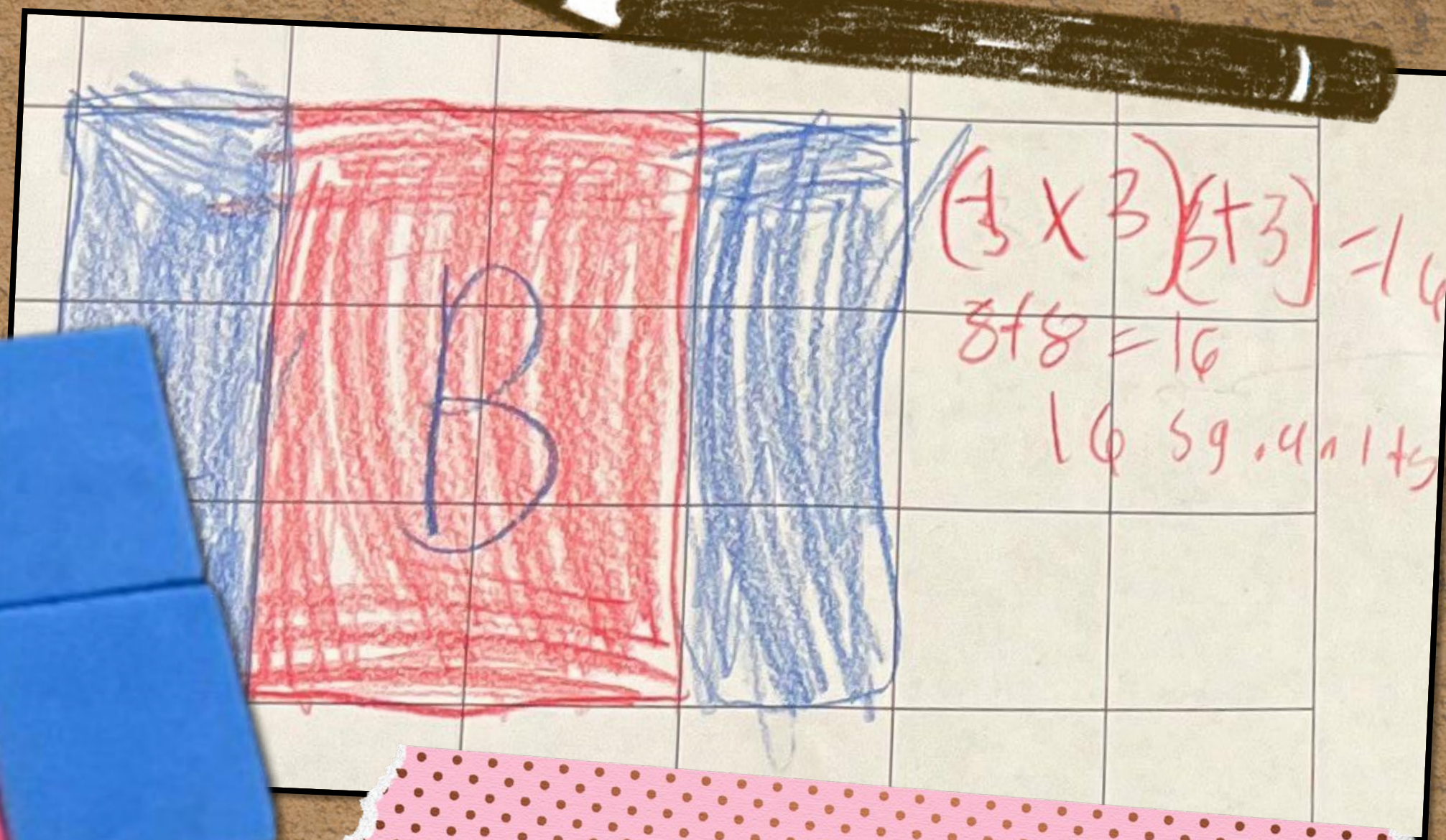
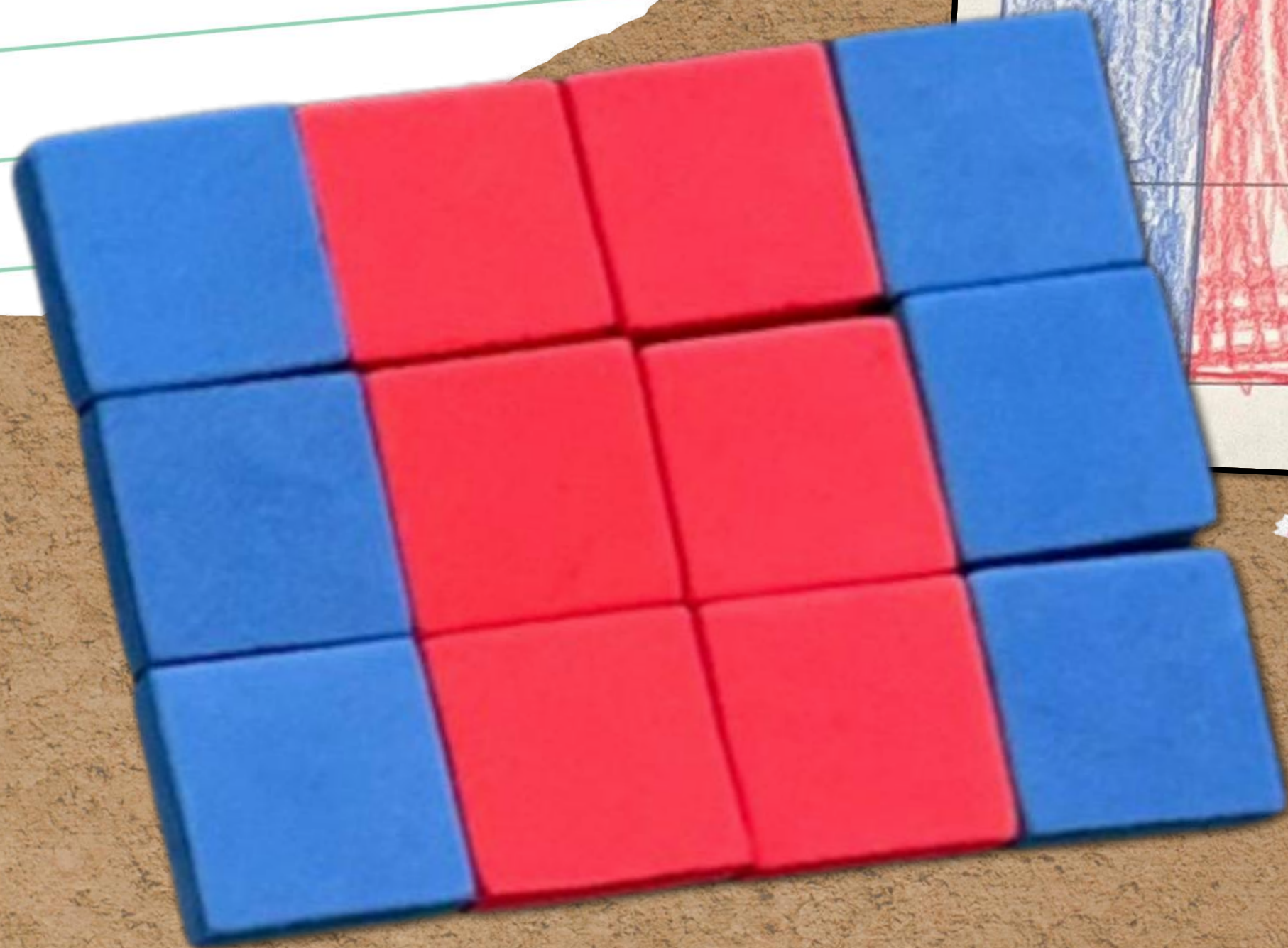


# Rayvon's Work & Design

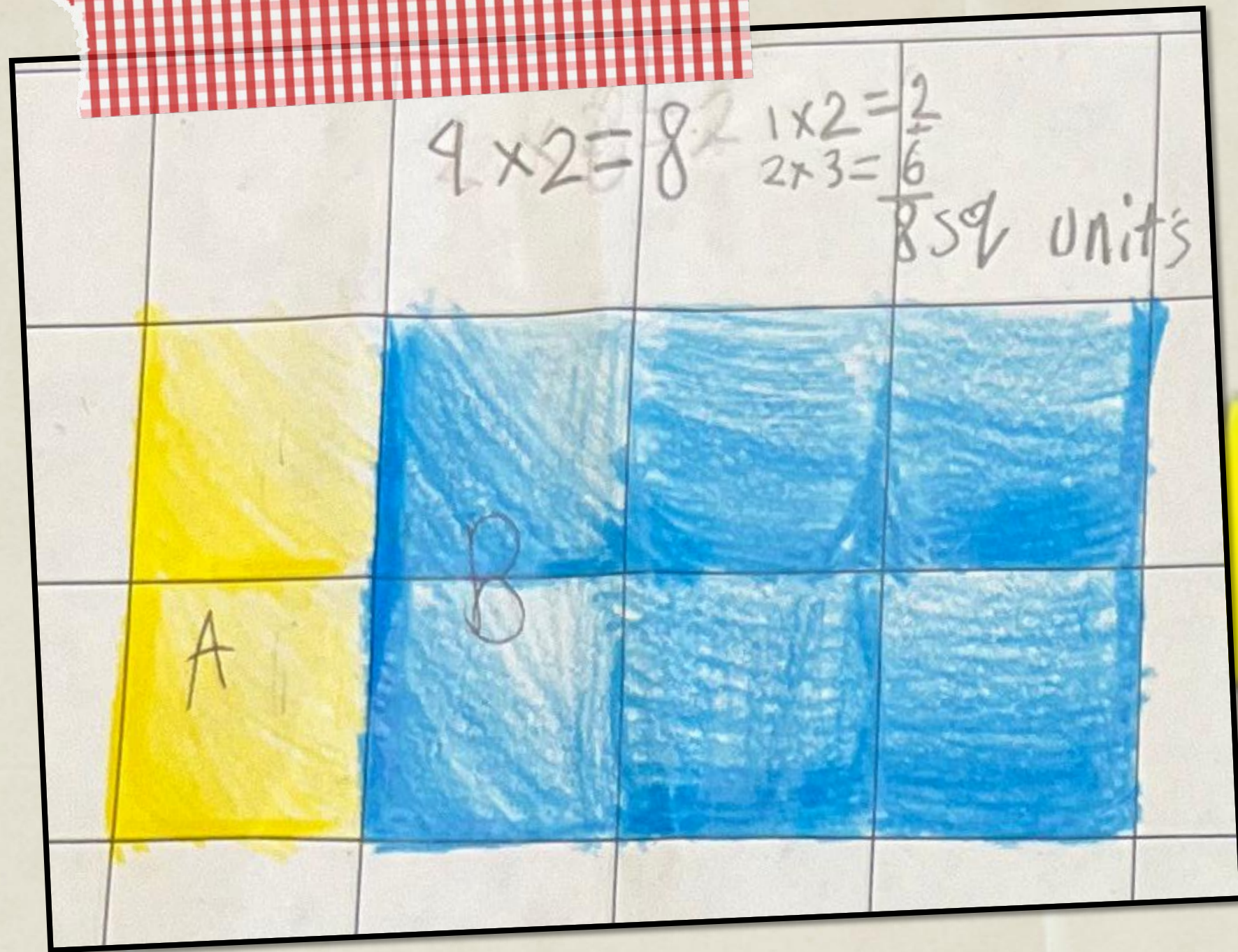




# My Work

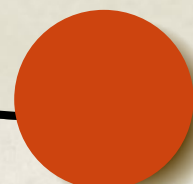
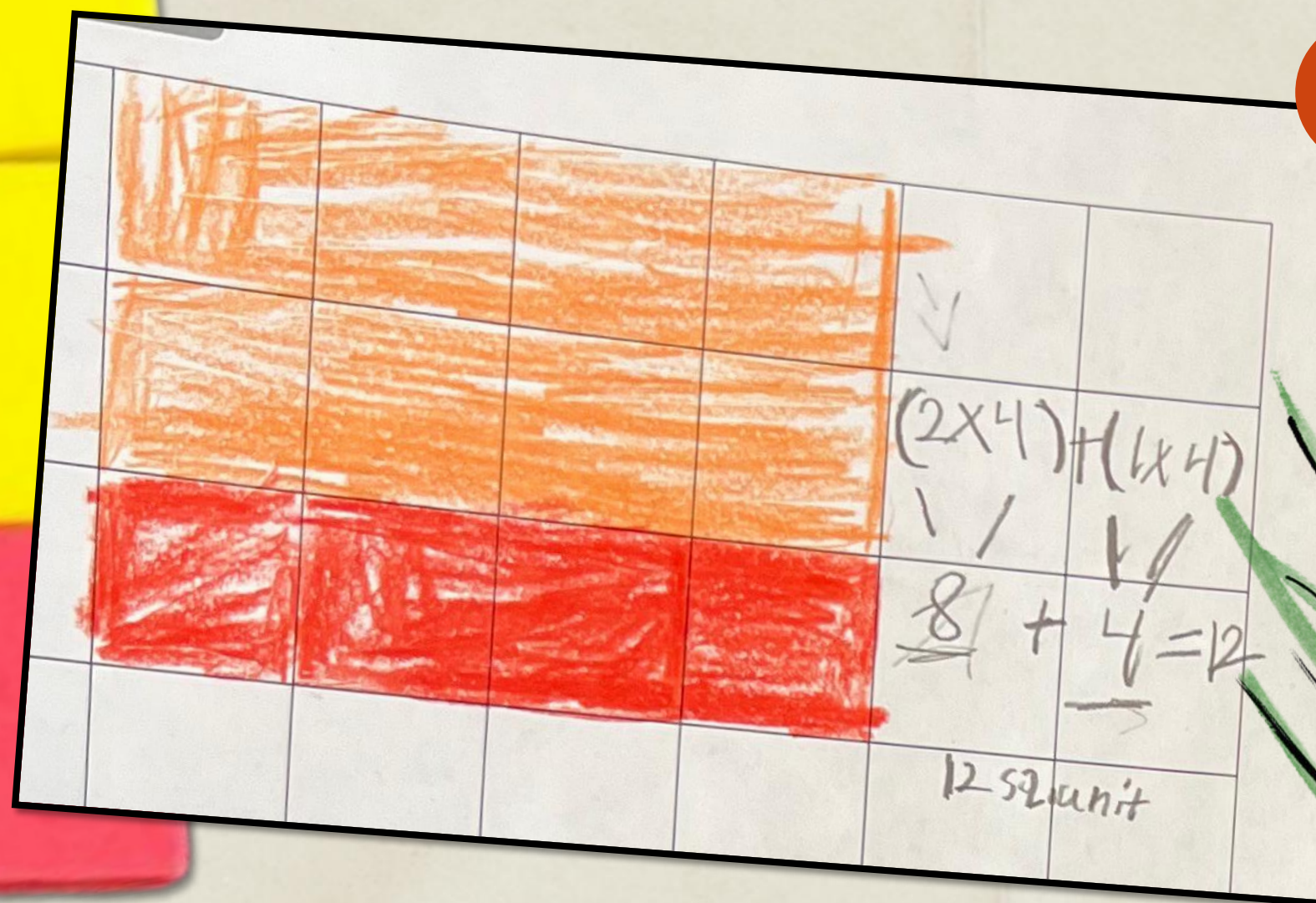
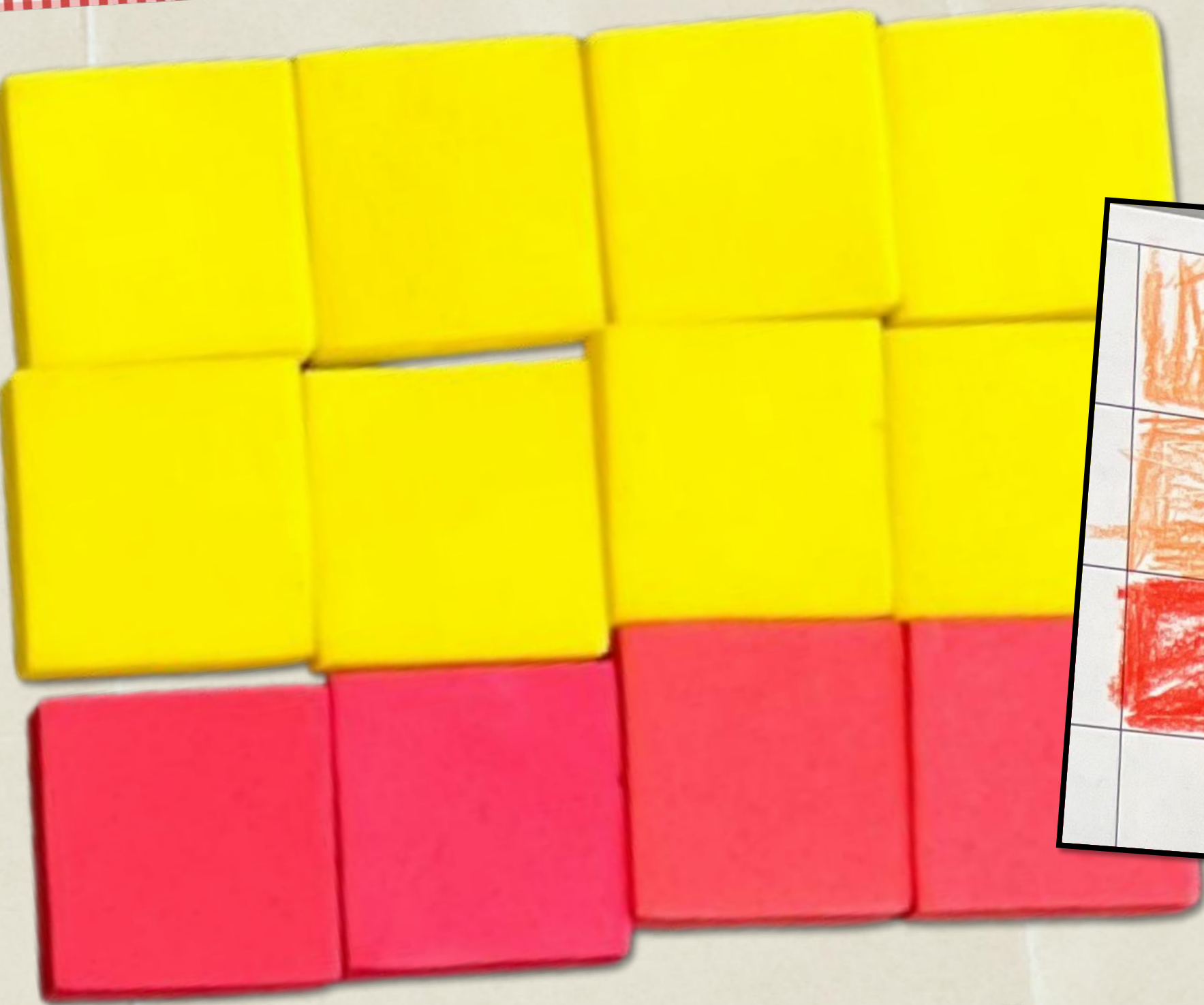






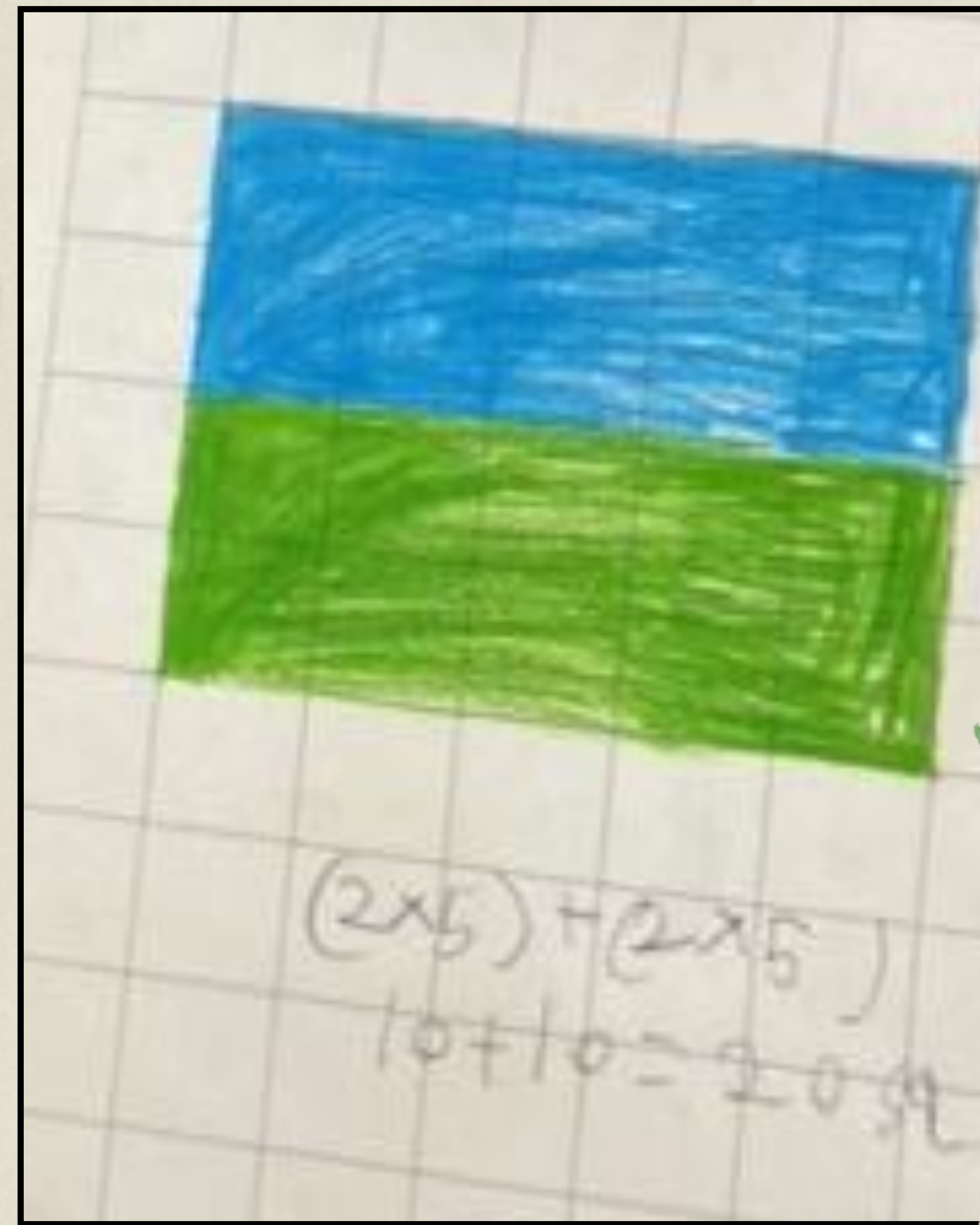
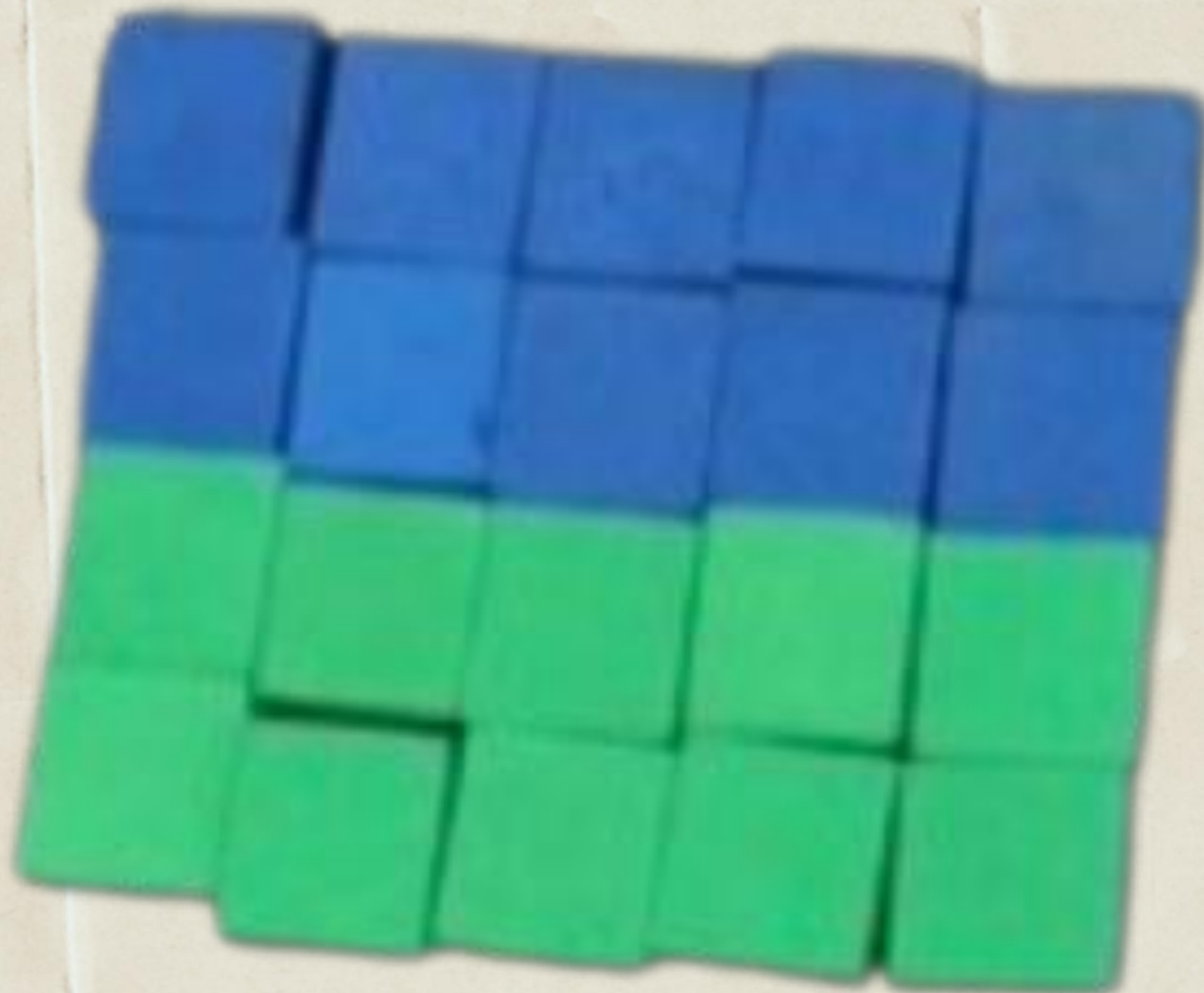
Paige's Work & Design





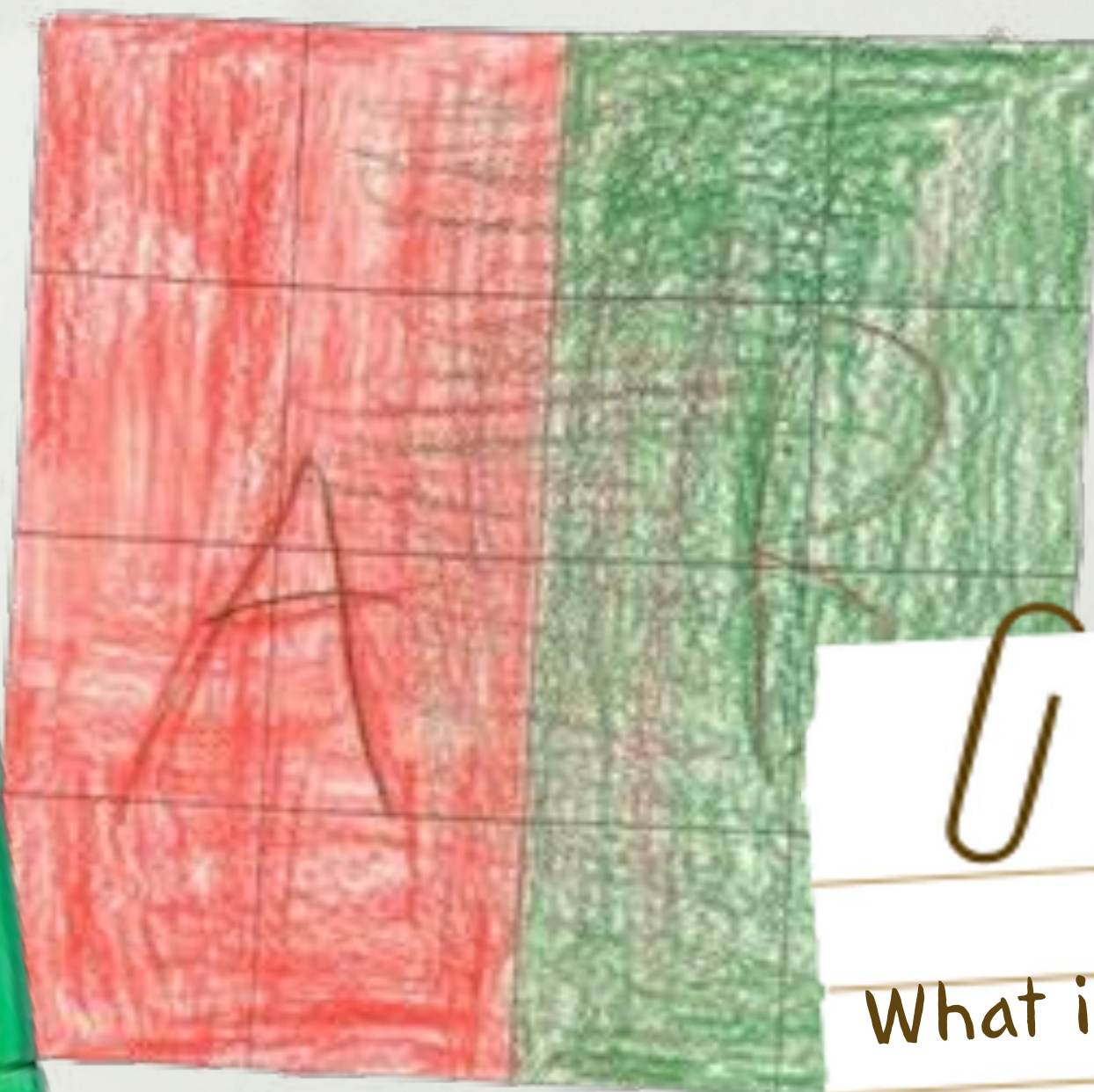
Ambar's Work & Design





My Work & Design

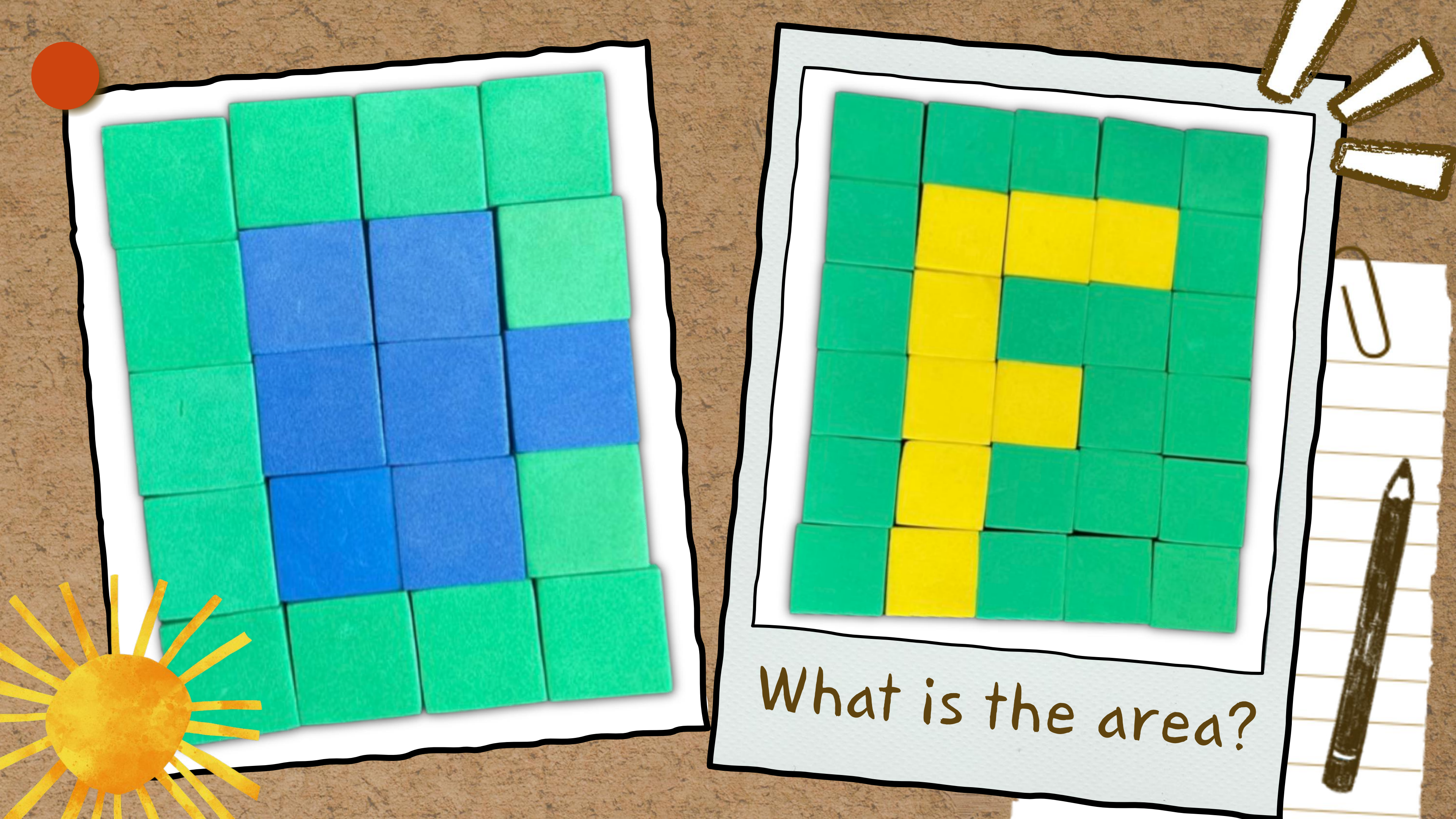




What is the area?

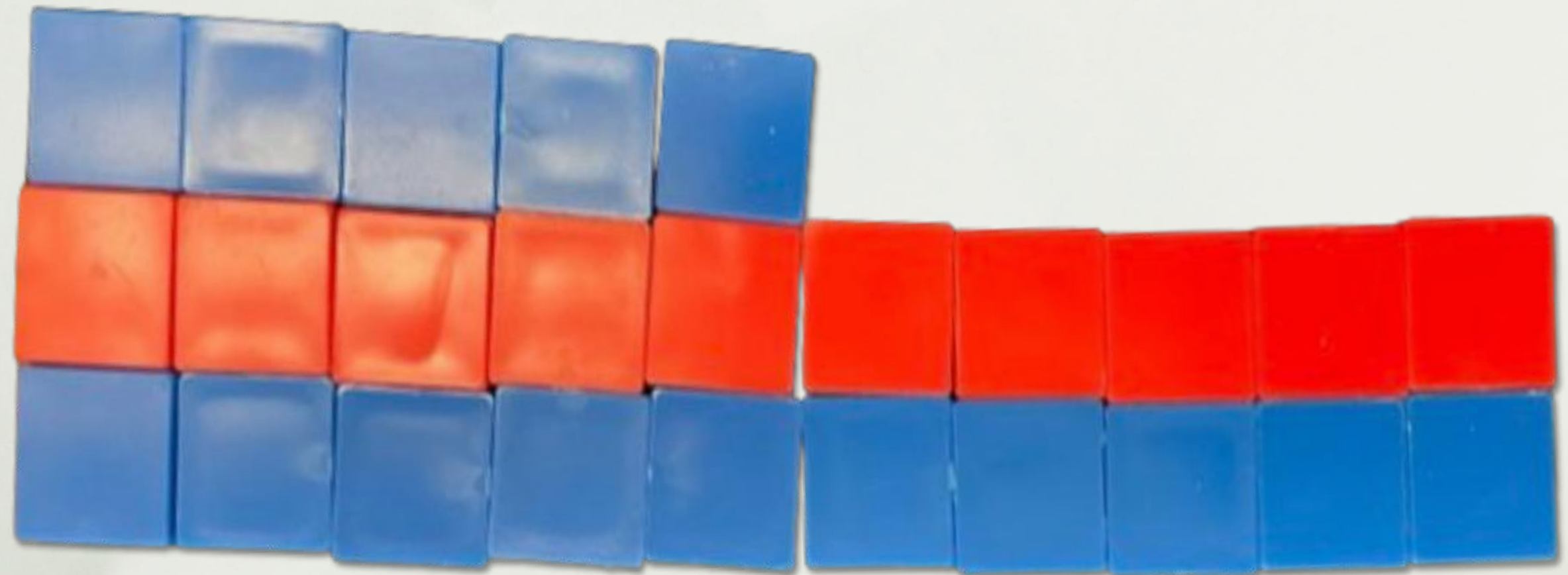
How many rectangle  
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shape into?





What is the area?





S M T W T F S

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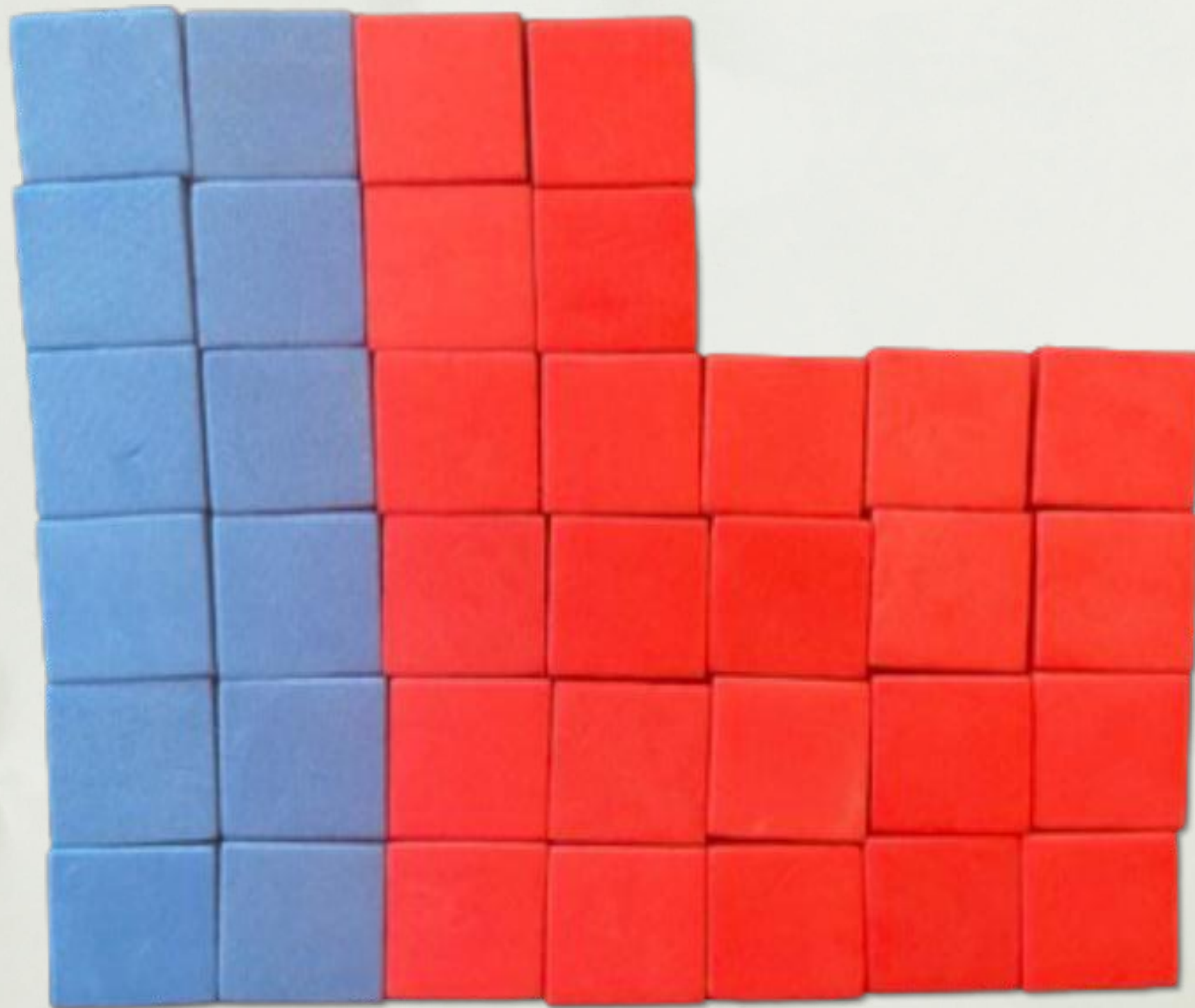




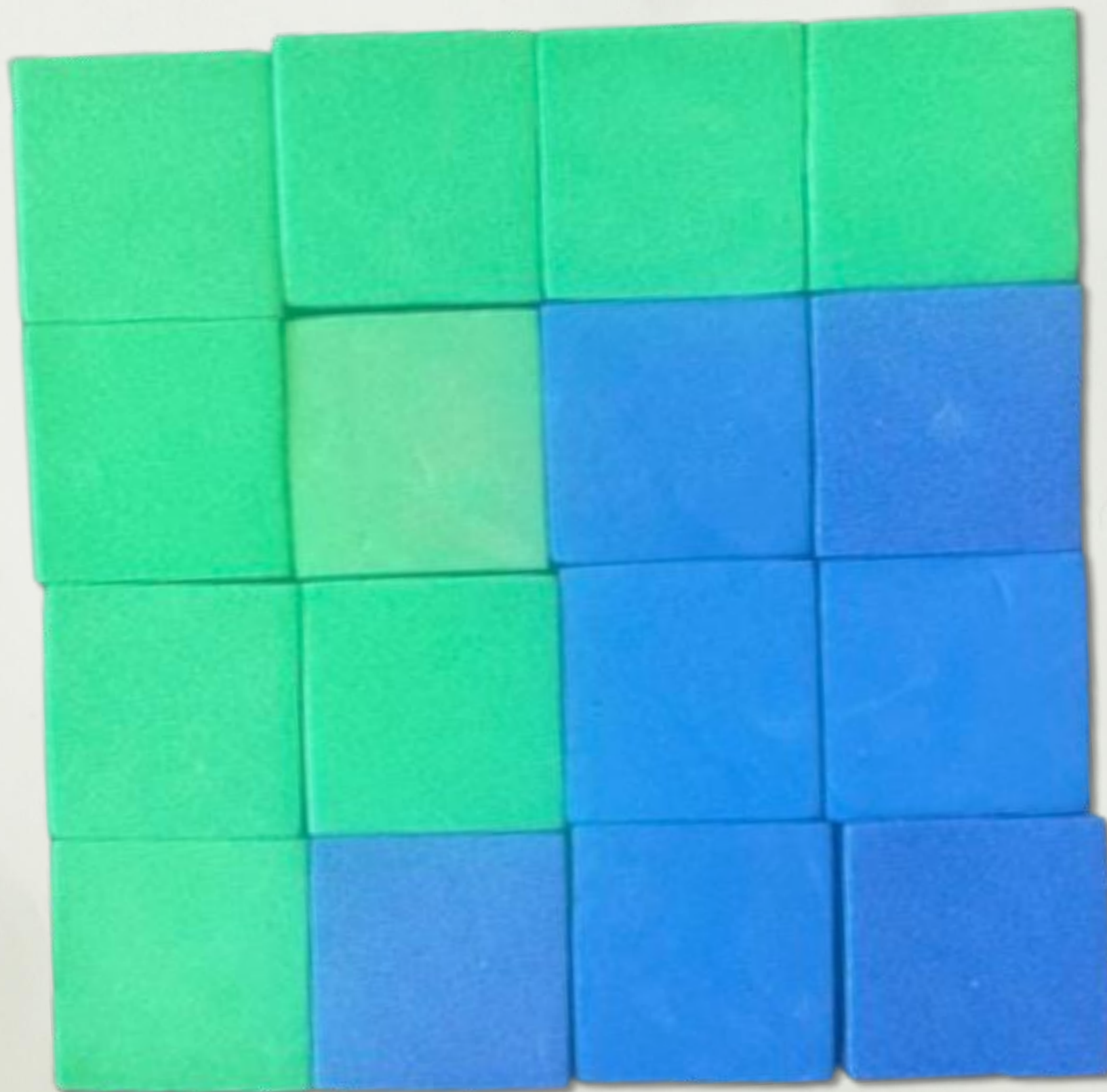
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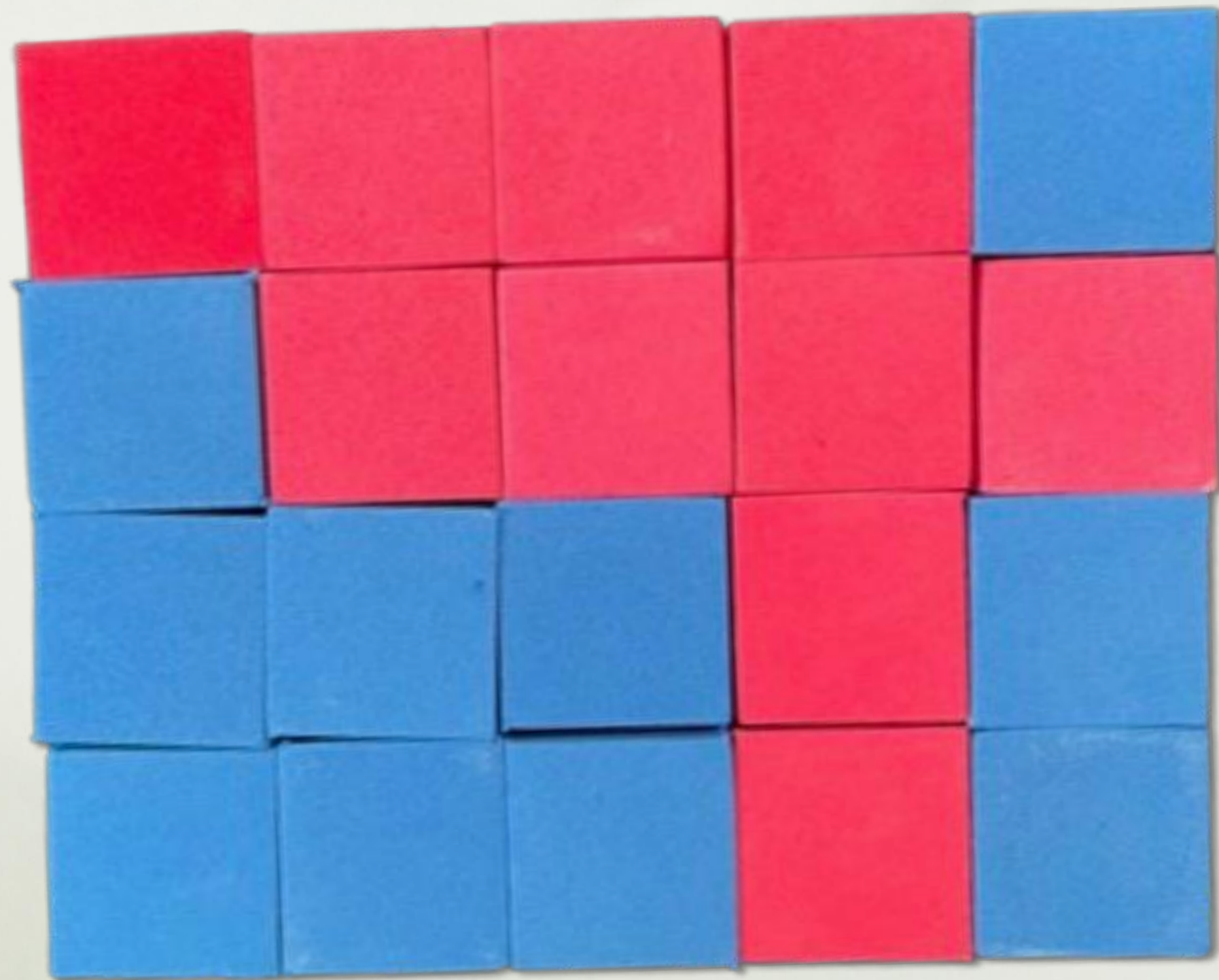
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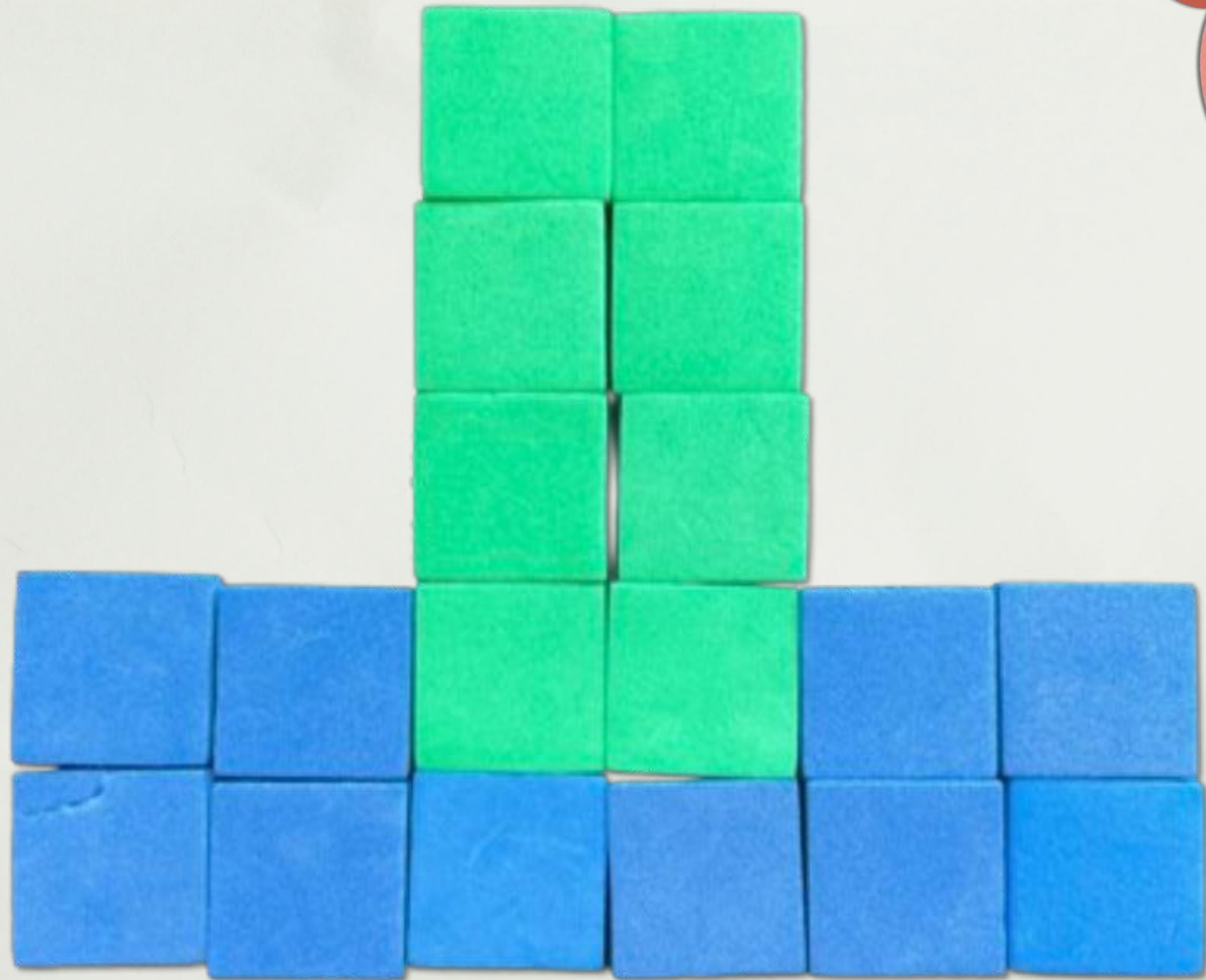




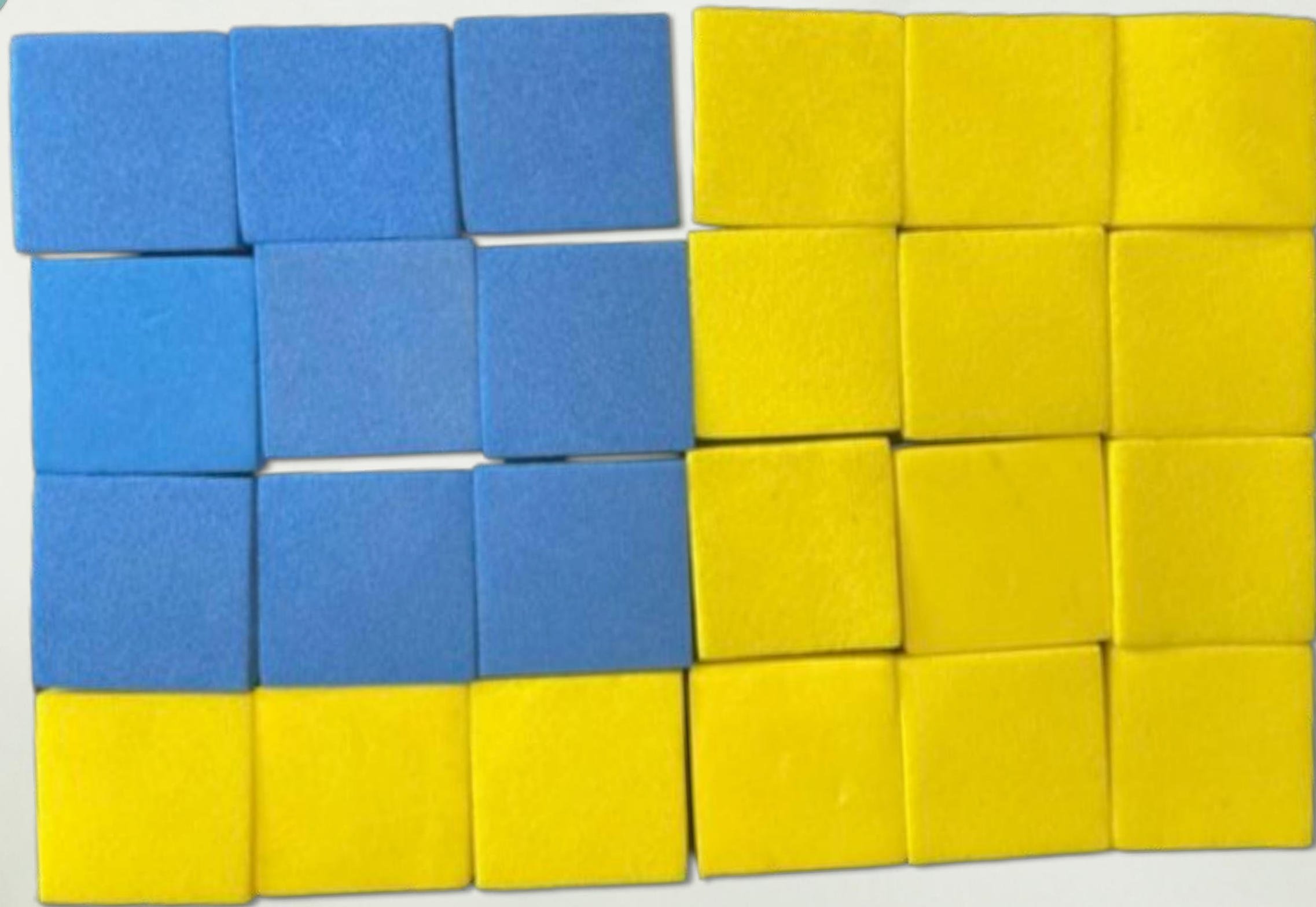
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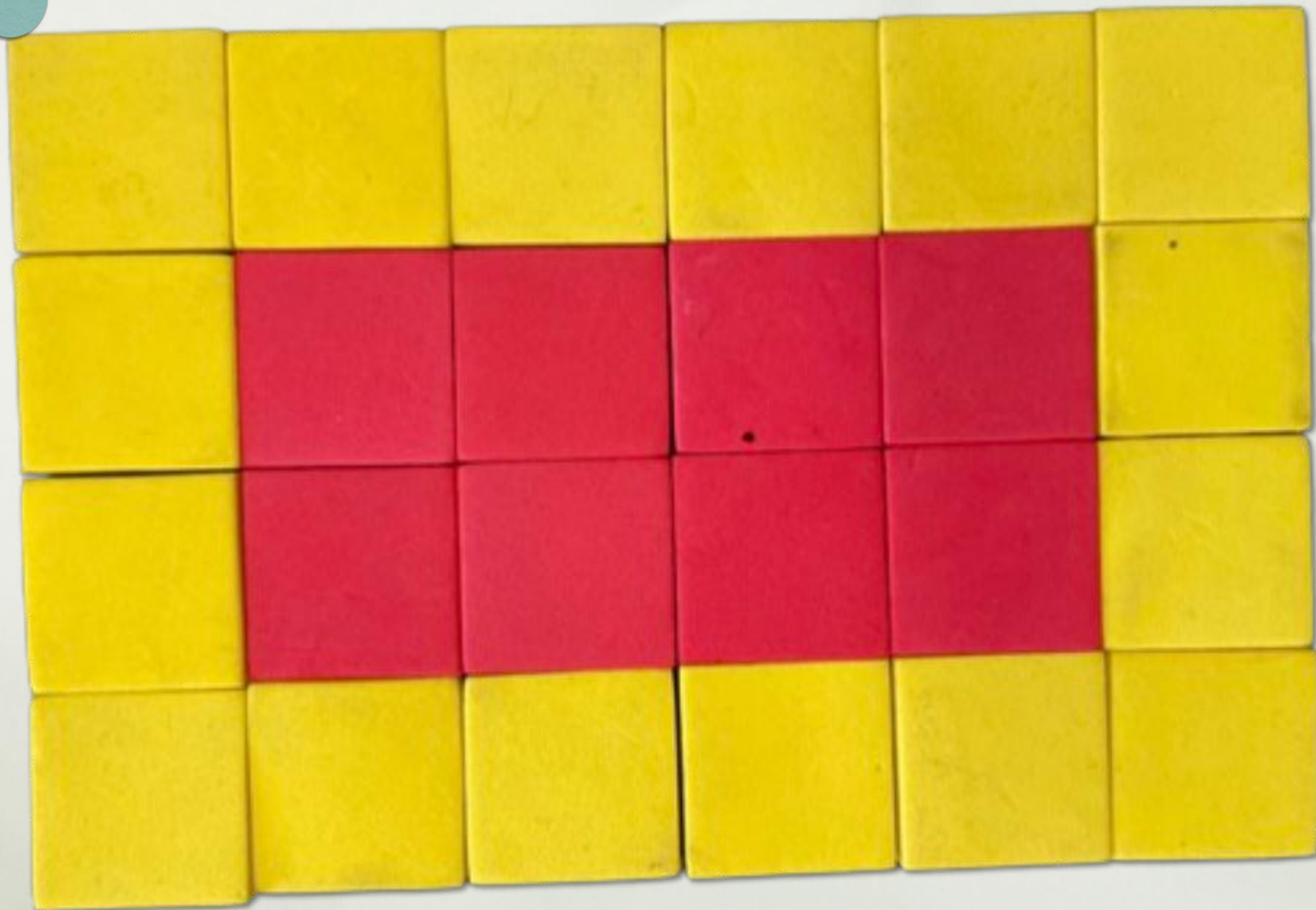
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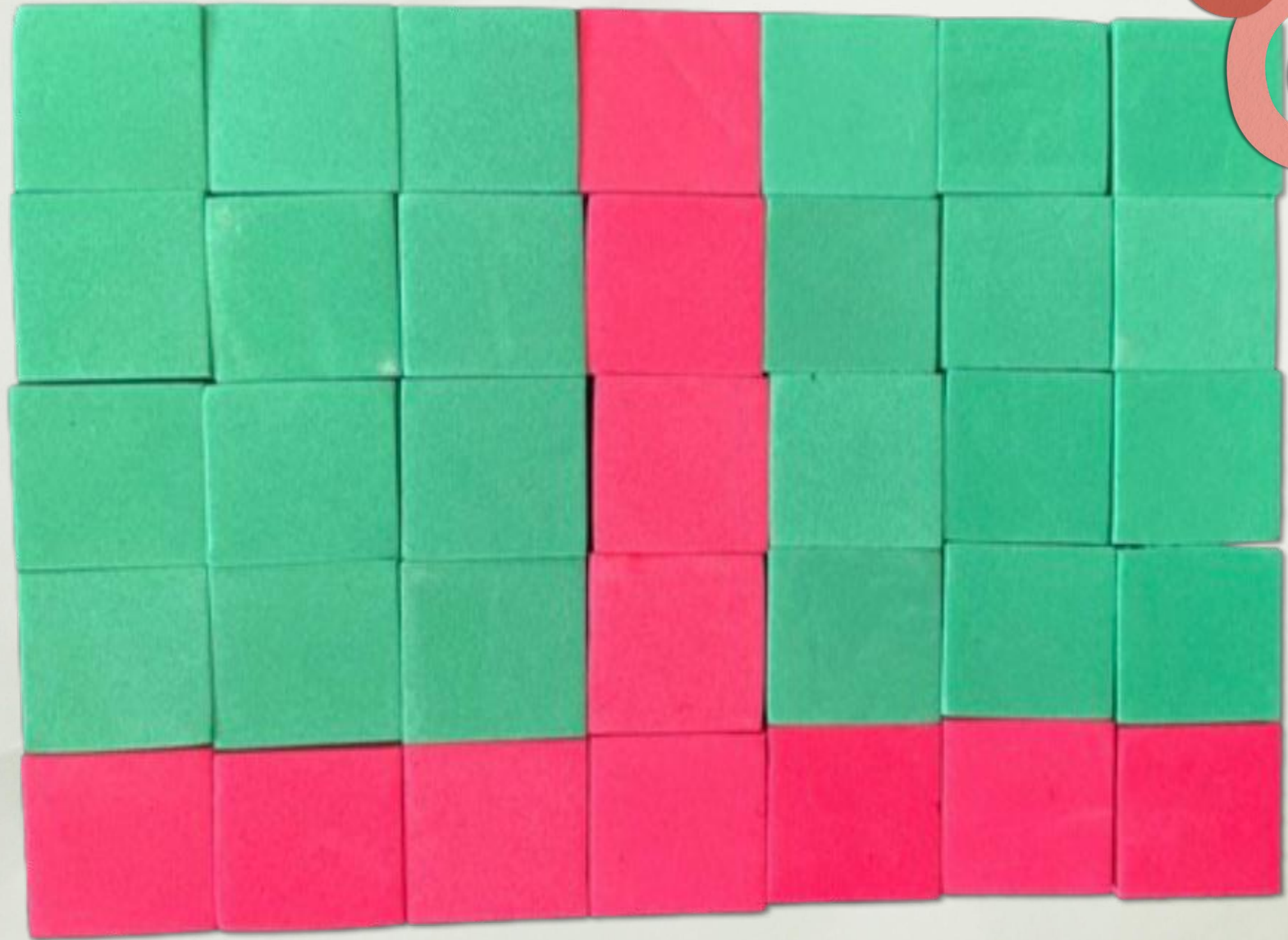




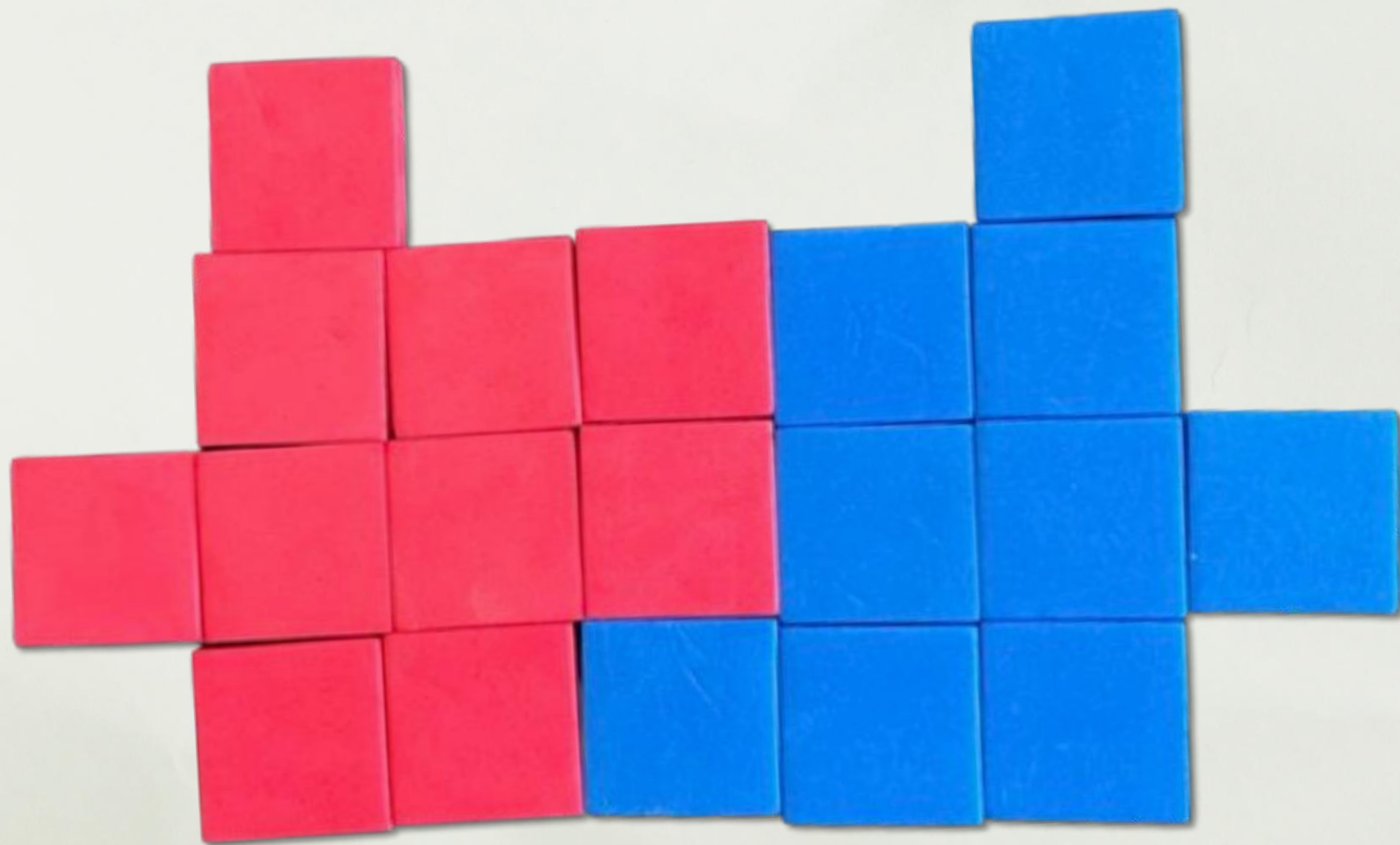
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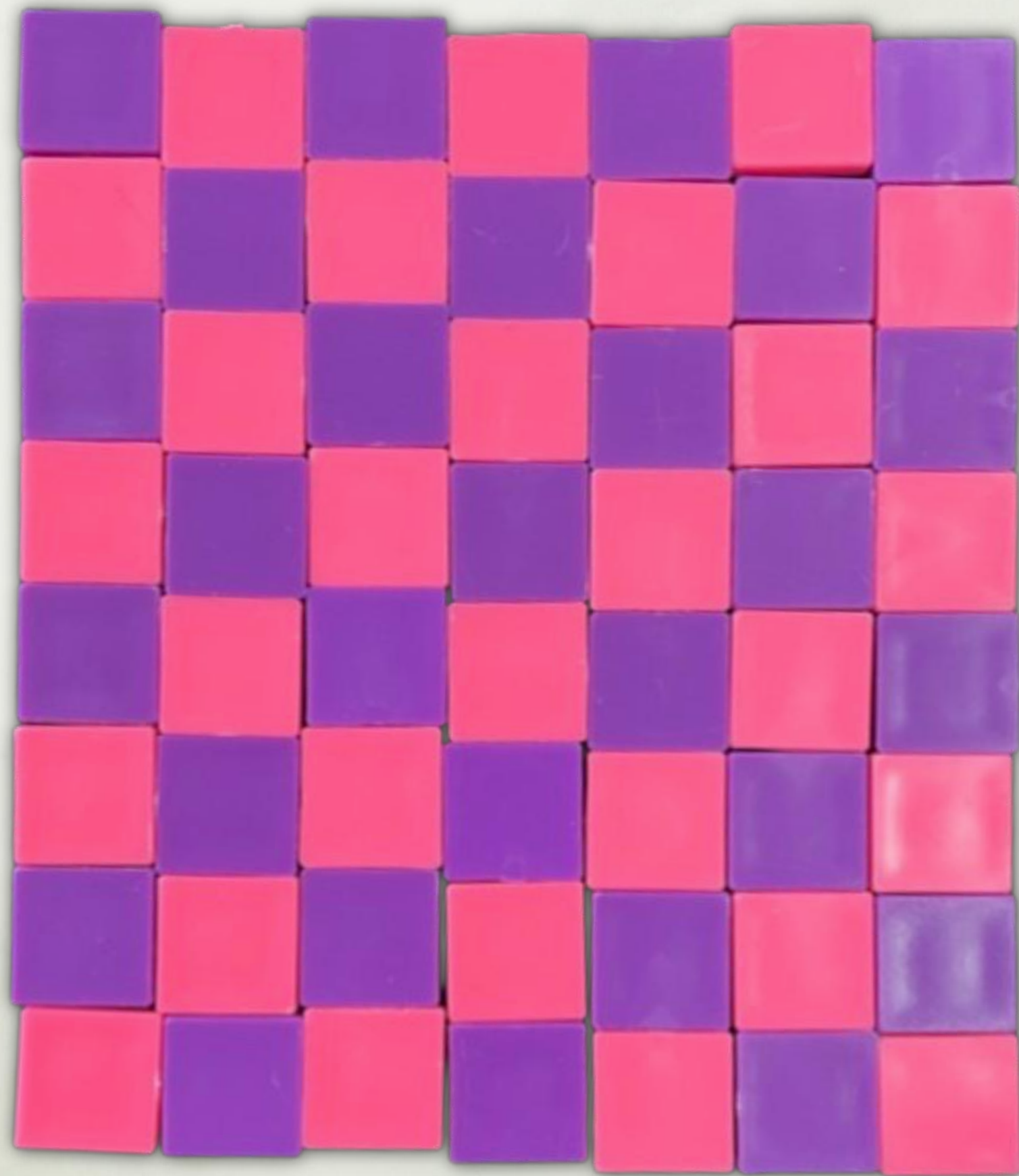




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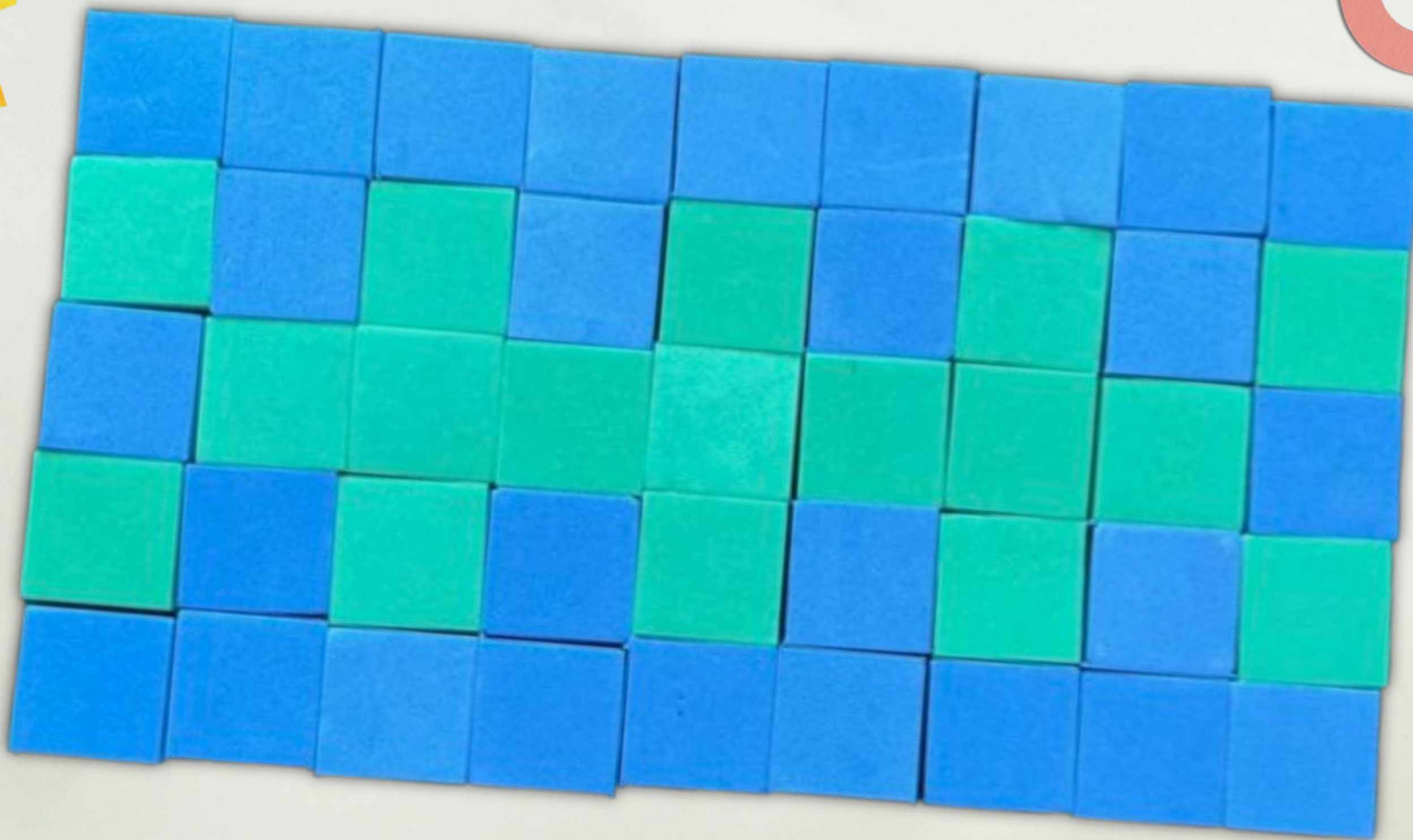




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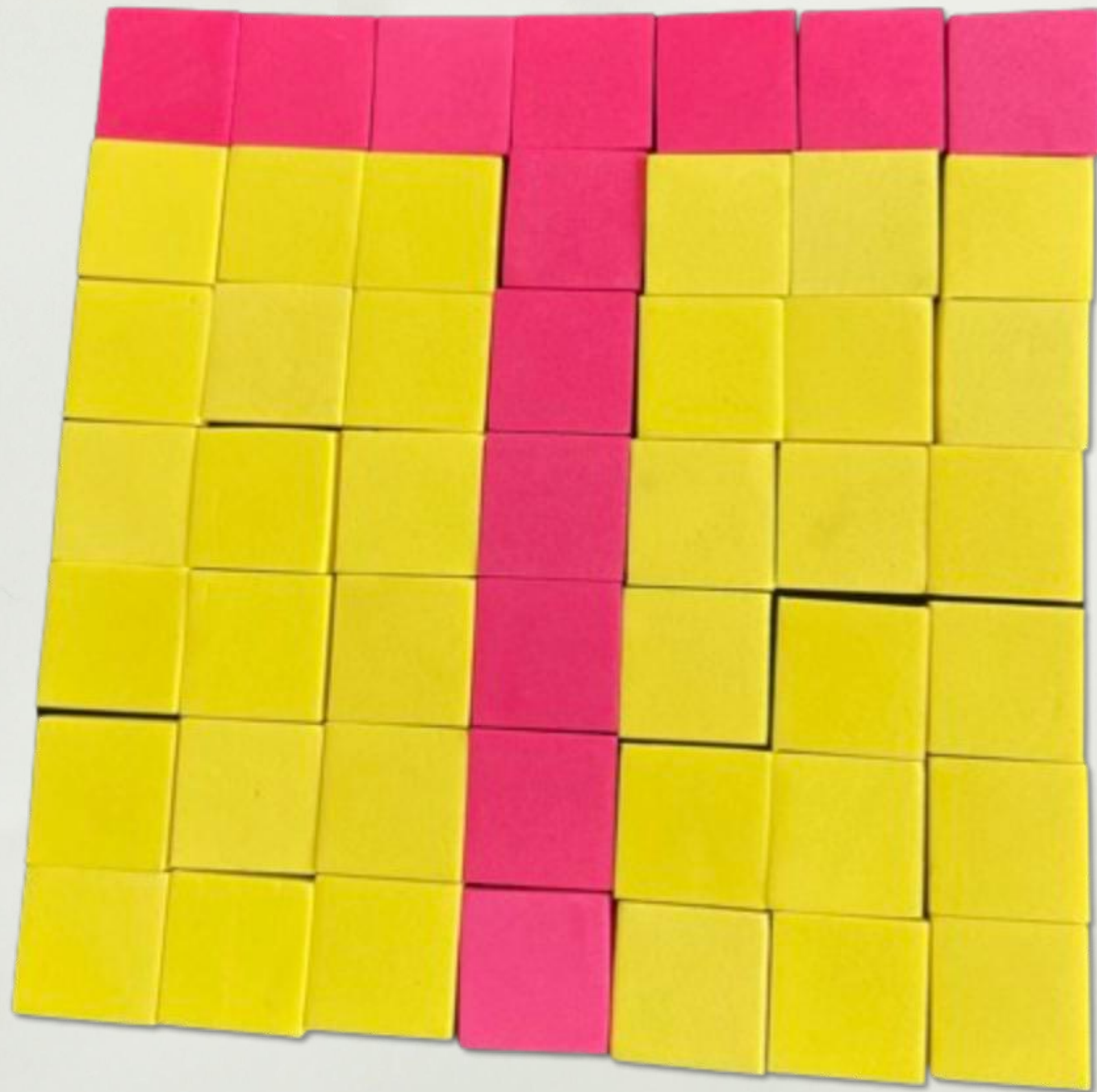




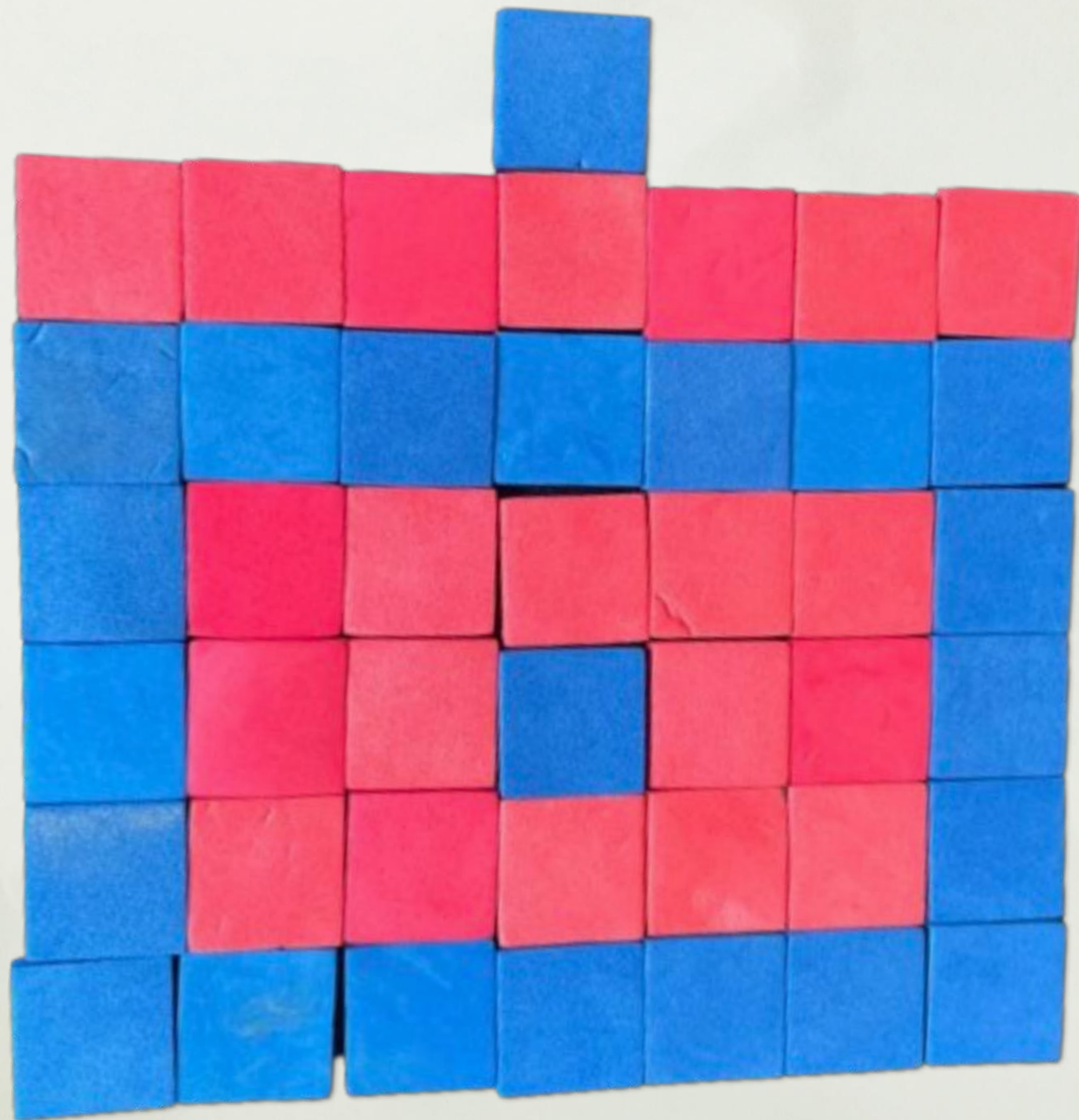
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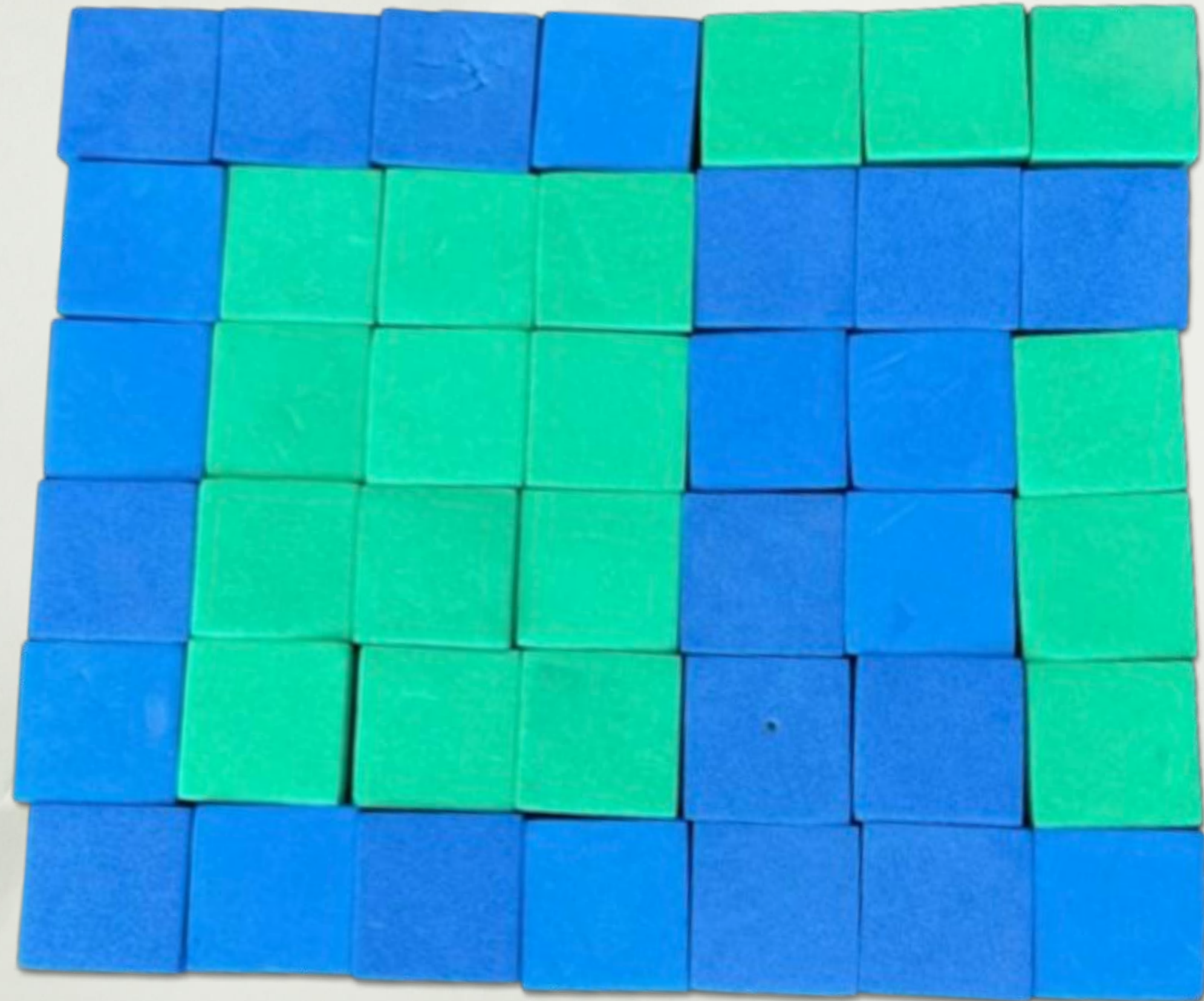


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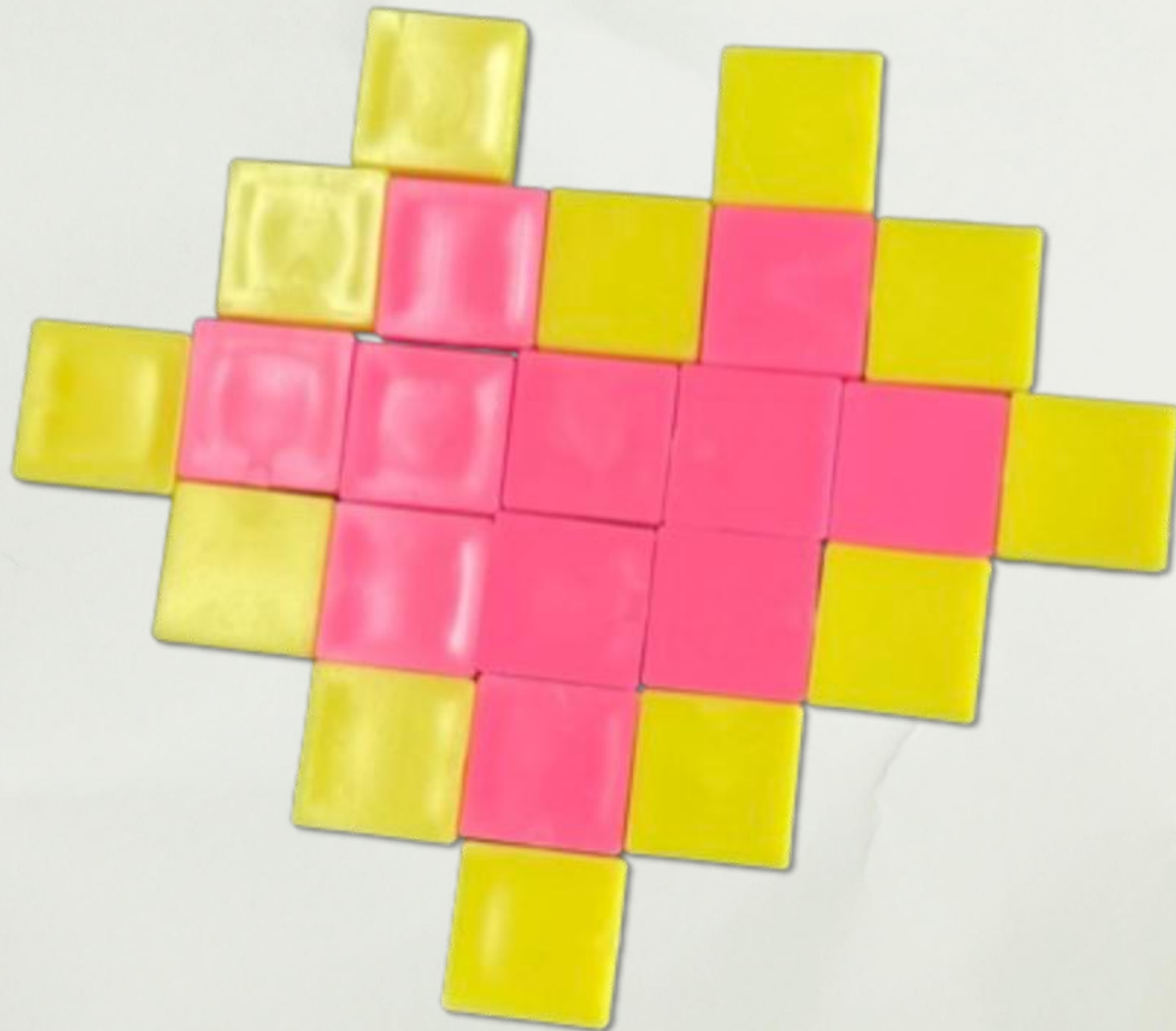


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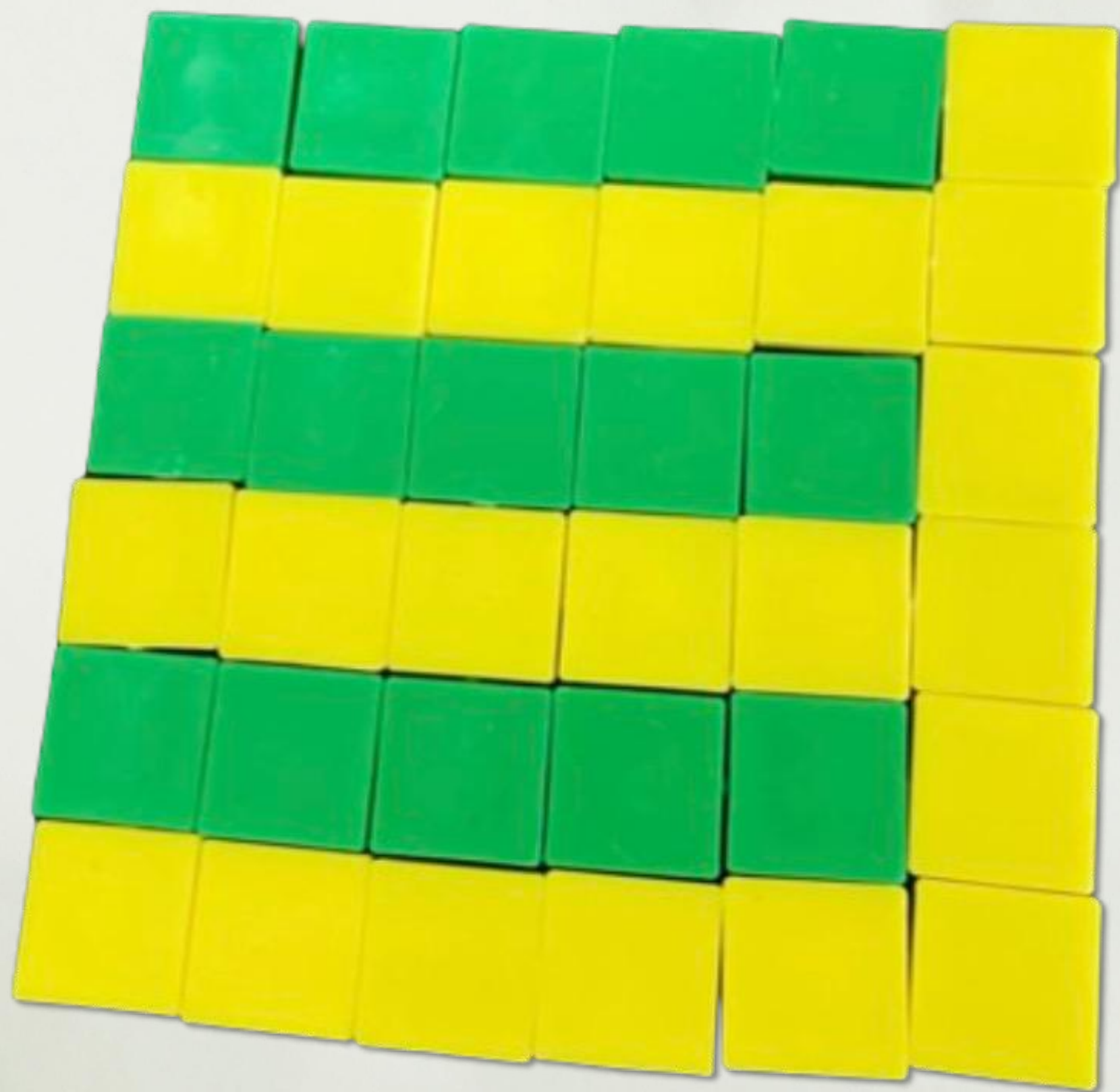


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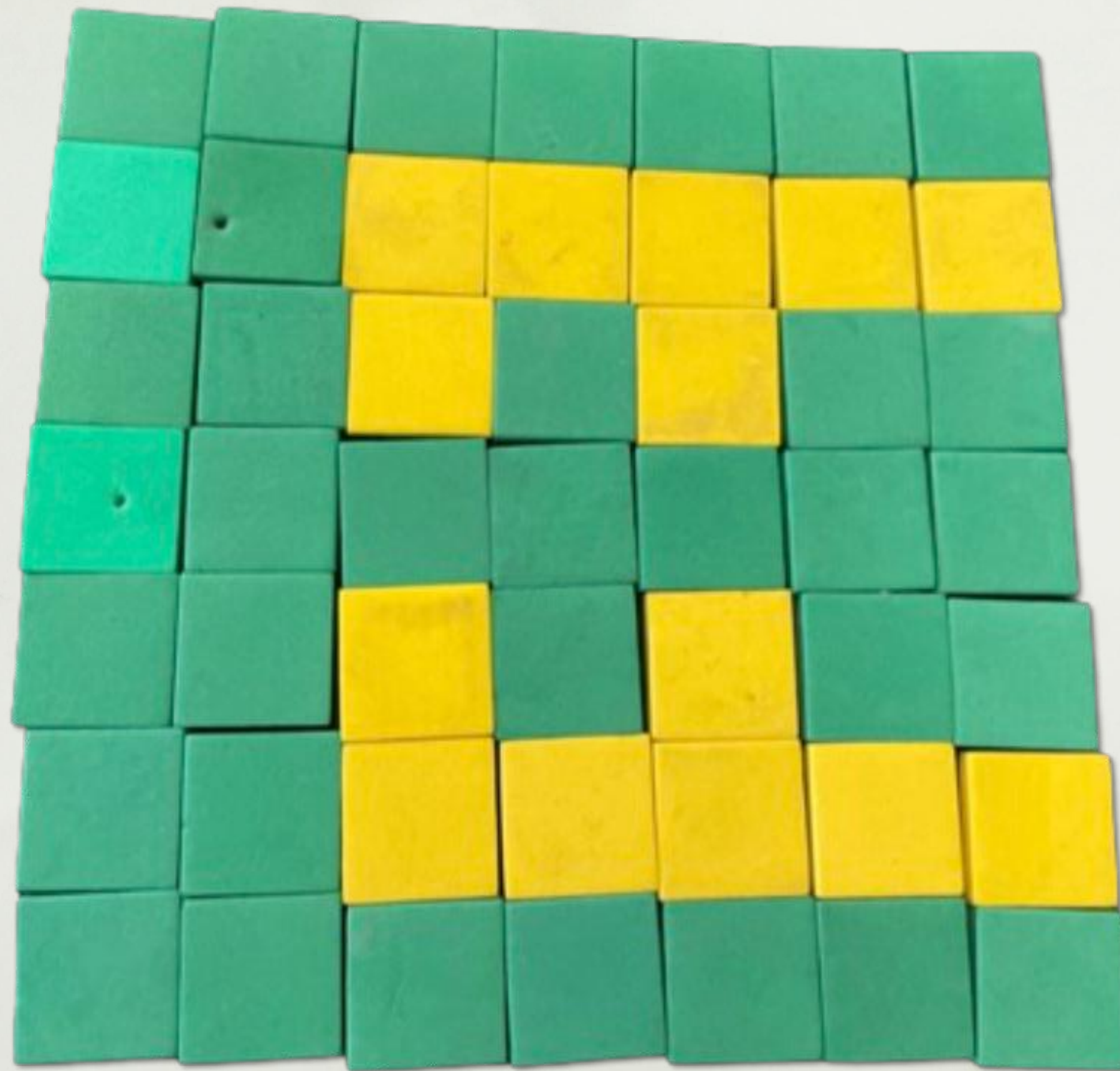




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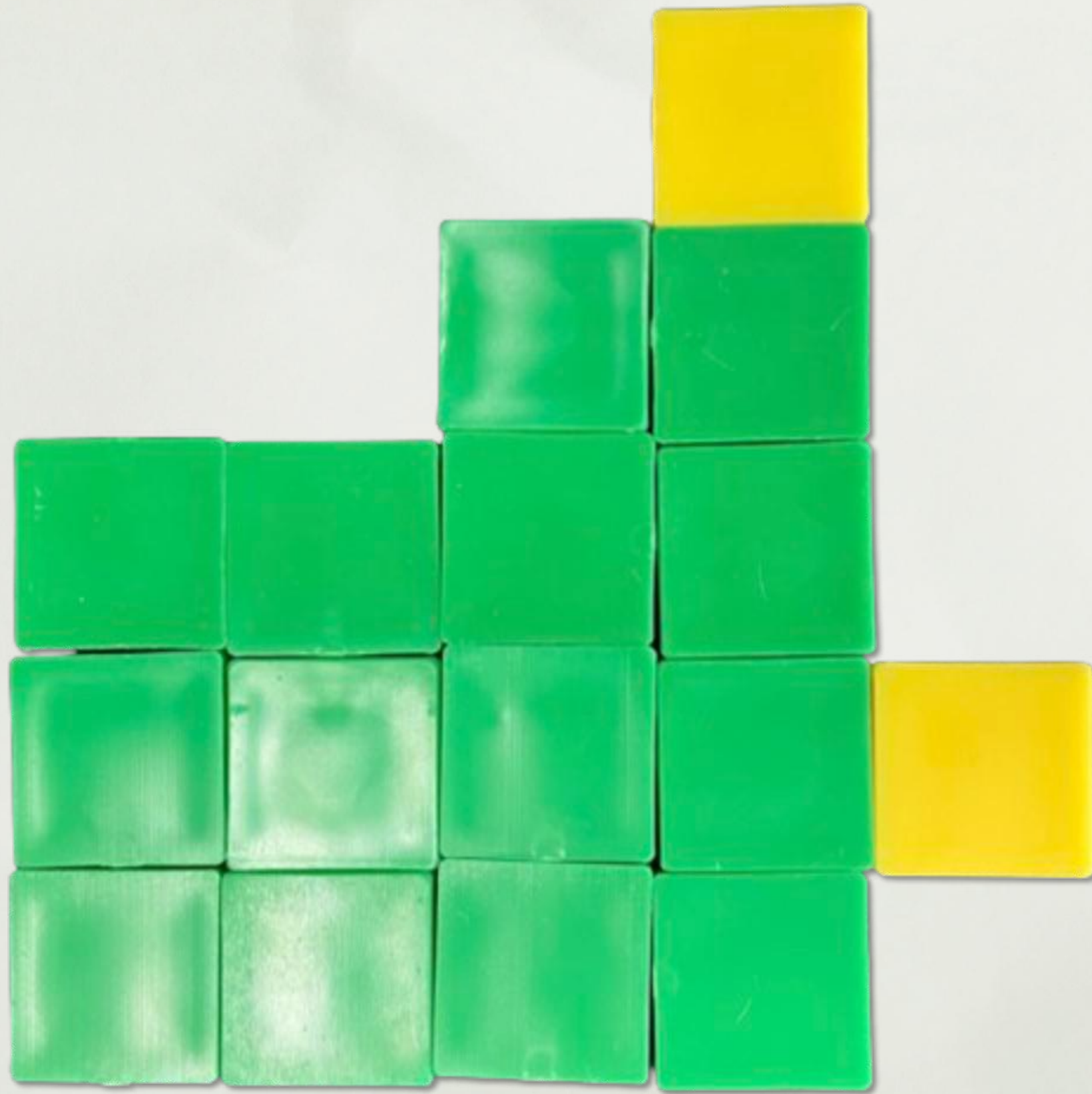




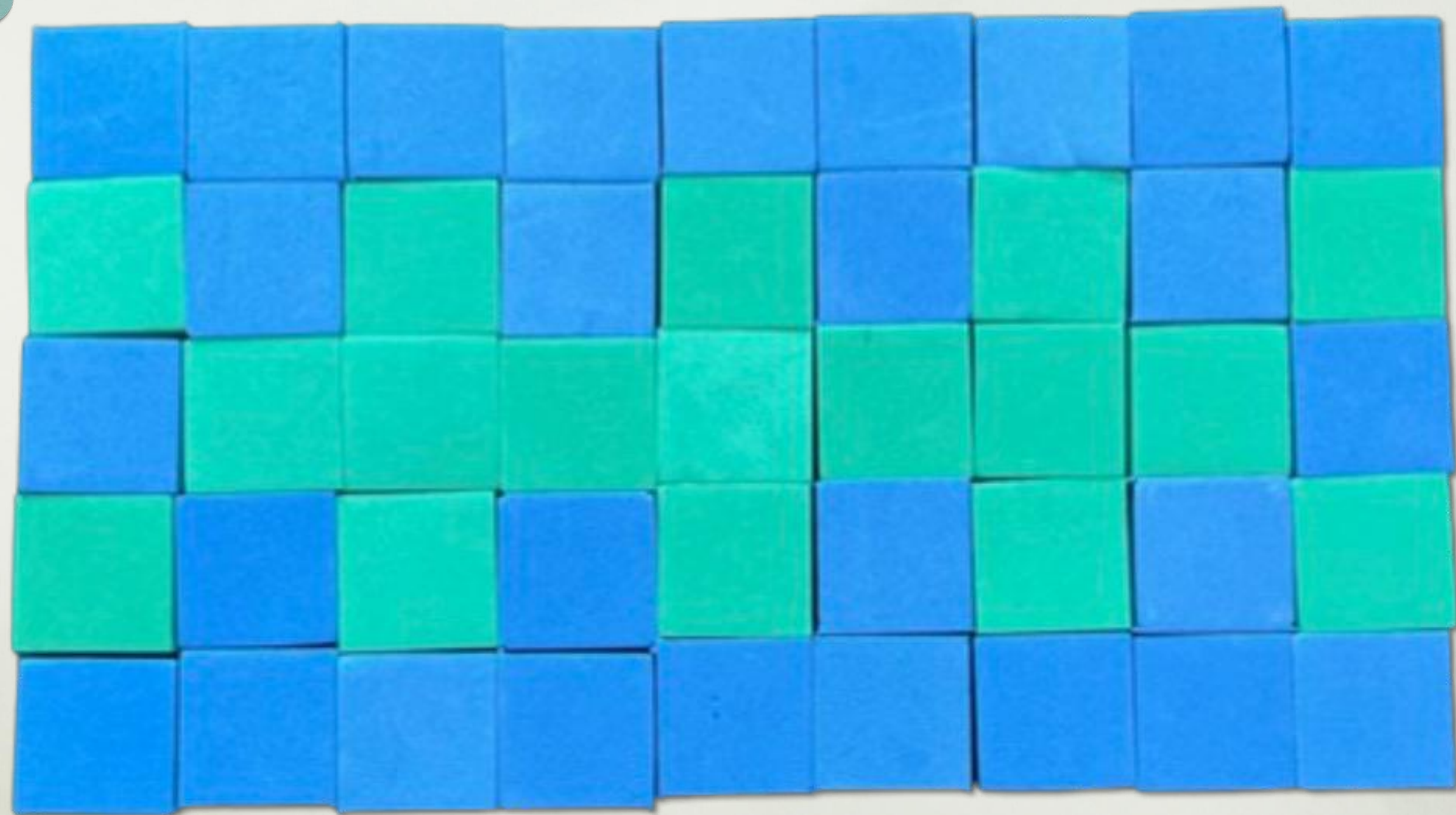
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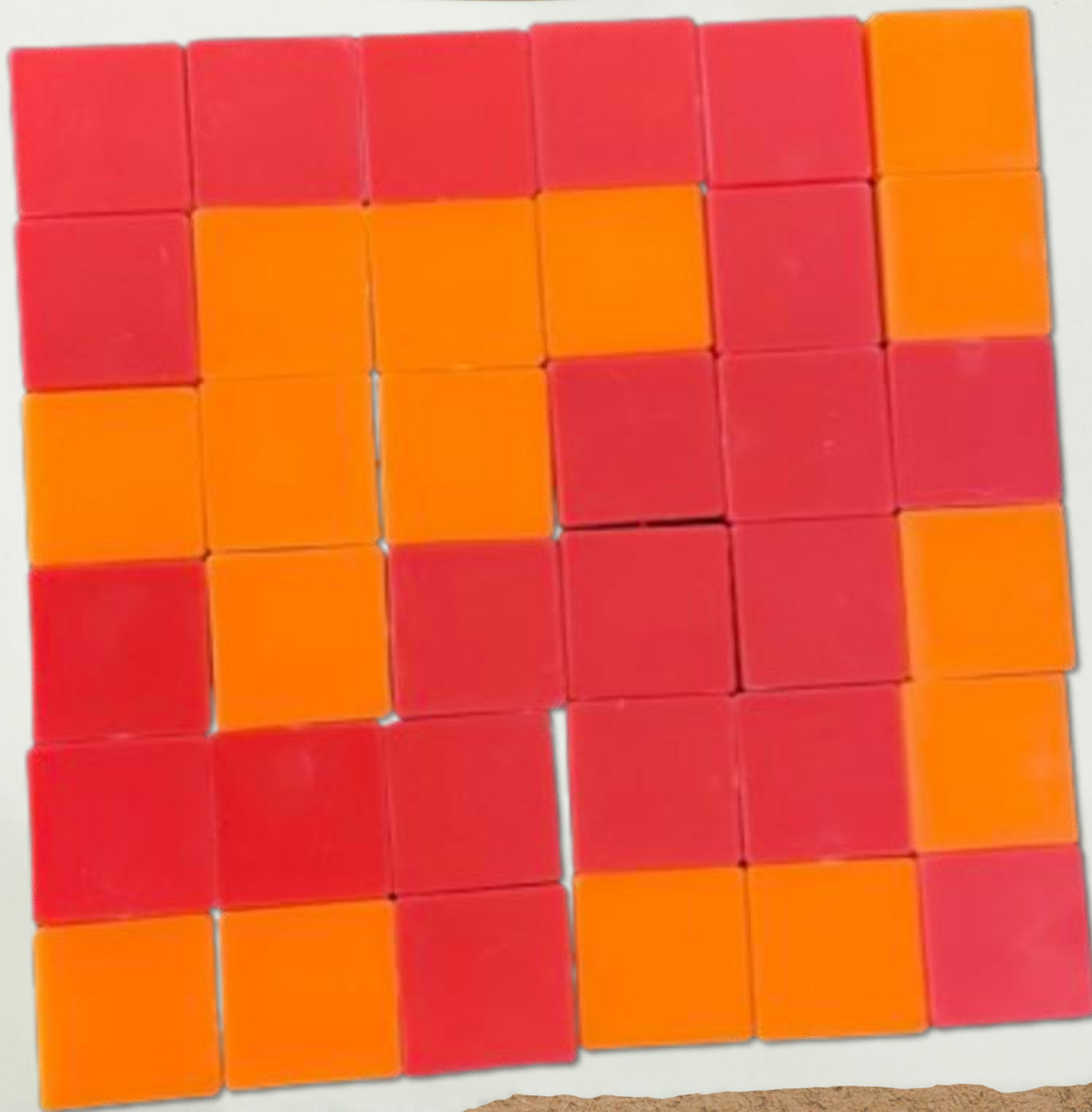


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