



PREK - 2ND GRADE

Spatial Relationships

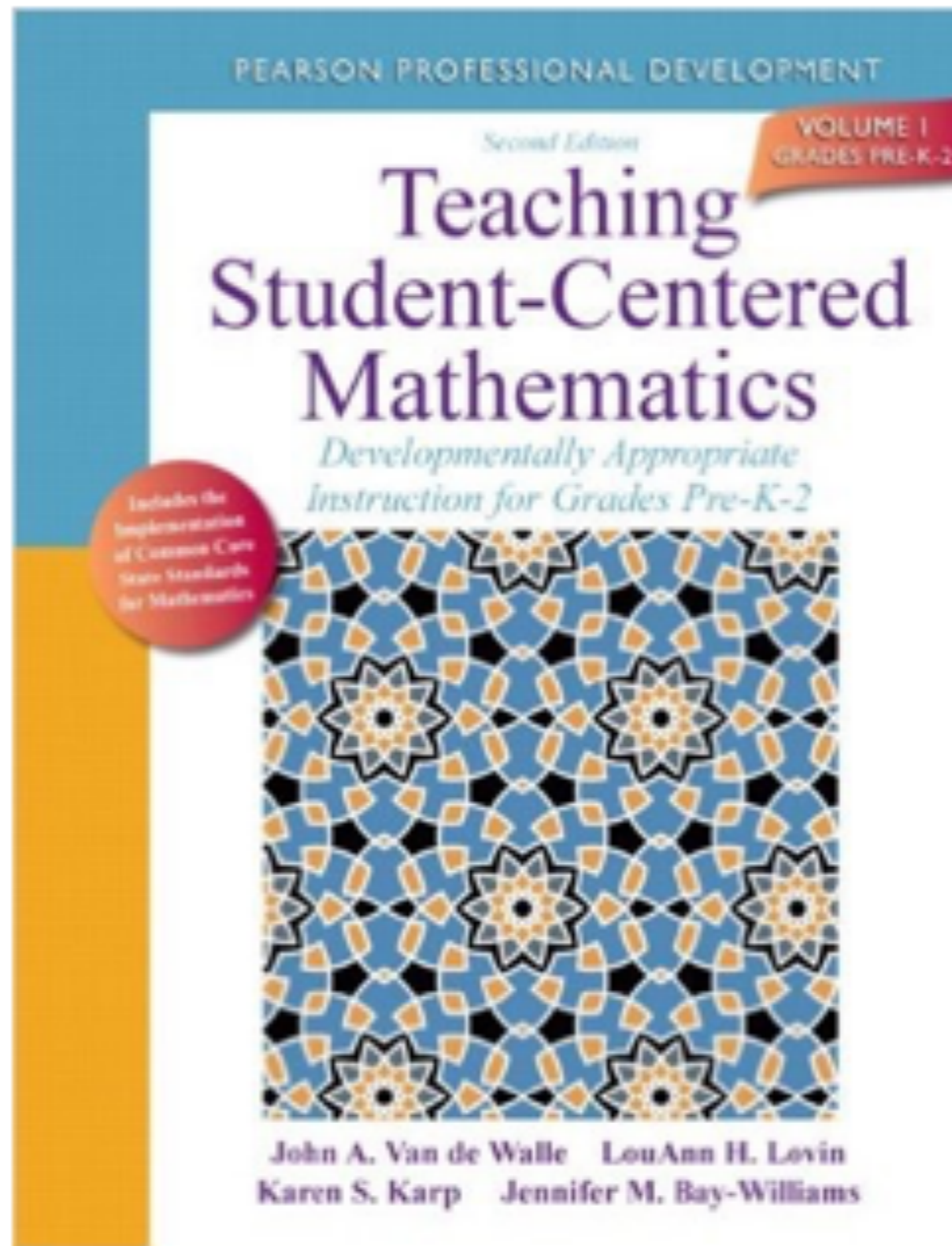
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Module 1: Understanding

Spatial Relationships

Van de Walle, et al

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John Van de Walle

Teaching Student Centered Mathematics

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Visuals to help Emphasize the *Relationships* between sets

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*“..encourage reflective thinking
about the patterns so that the
relationships will be constructed.”*

Van de Walle, et al

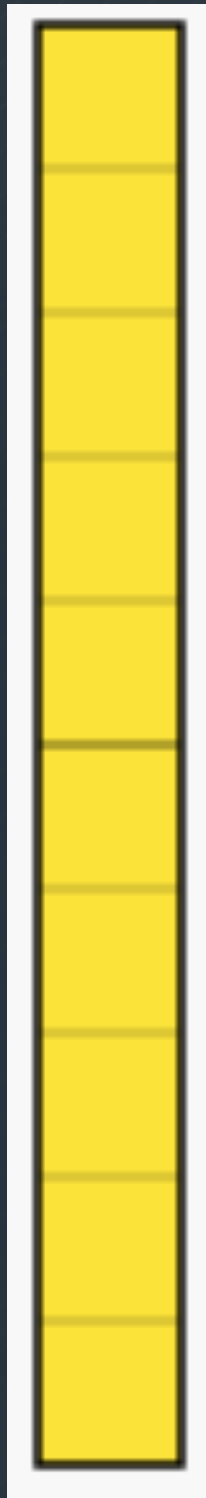
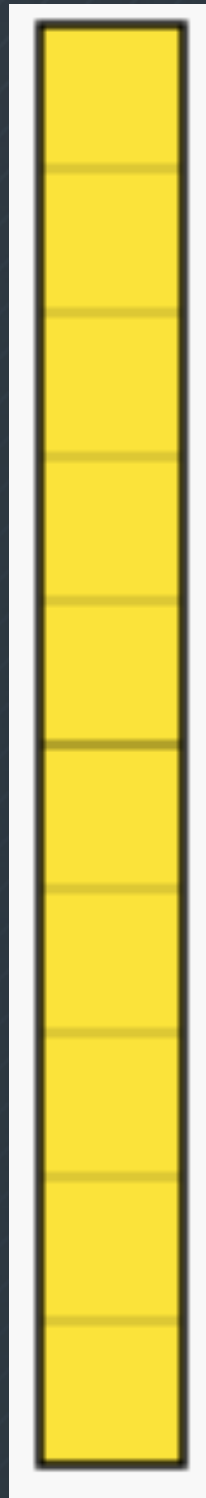
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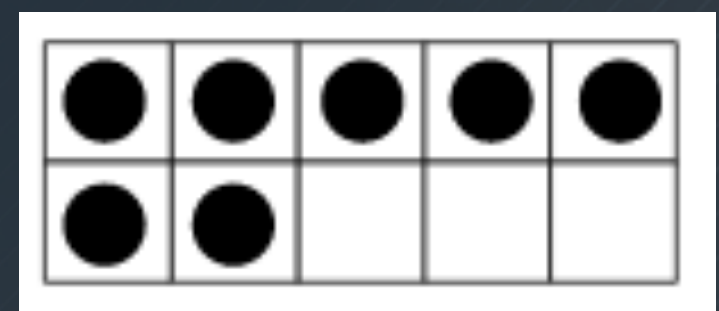
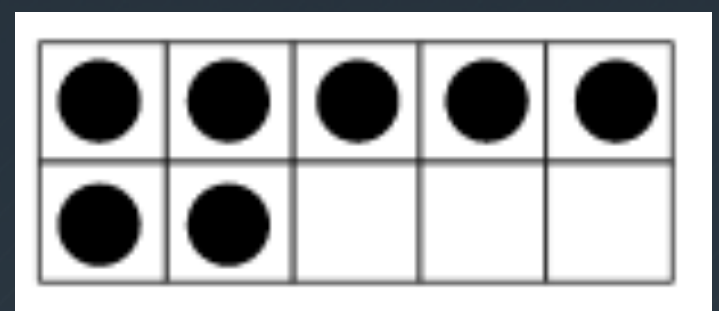
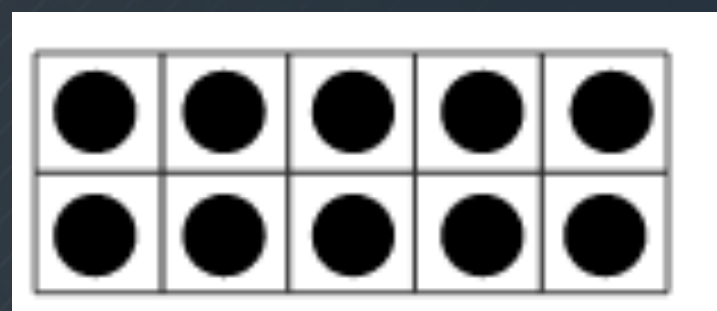
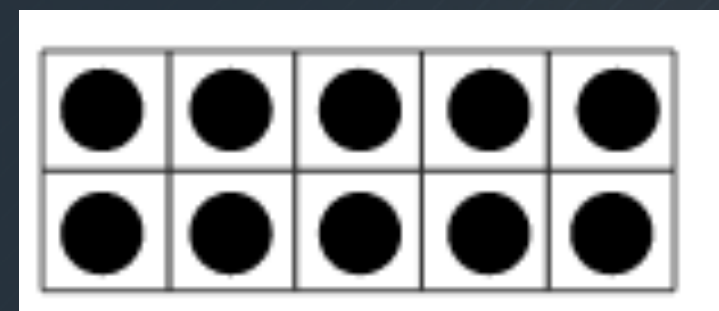
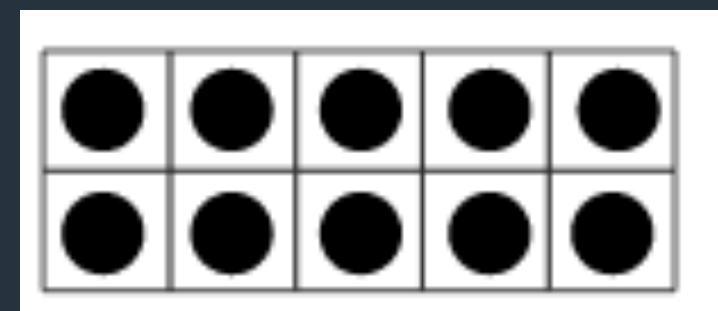
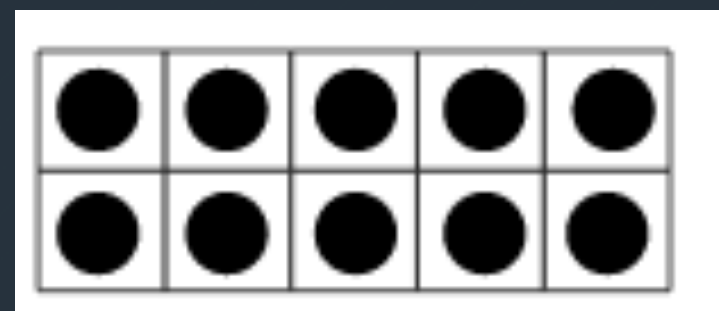
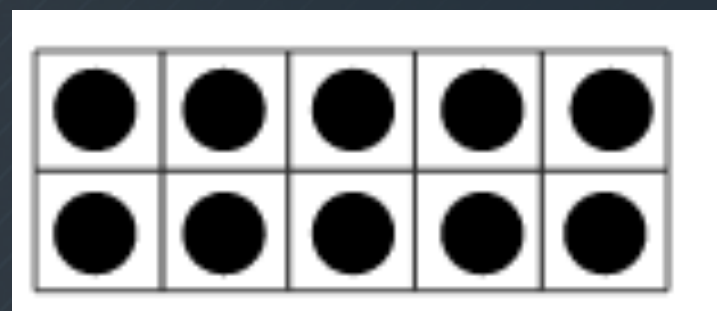
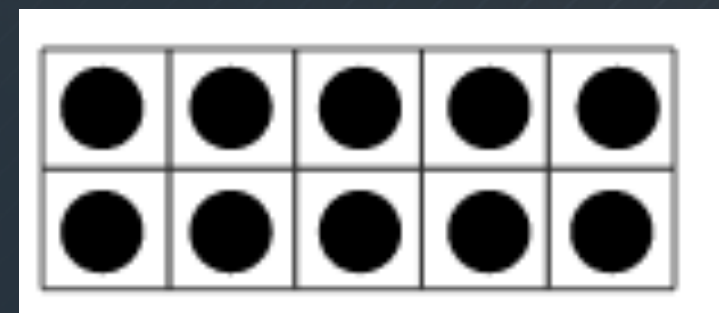
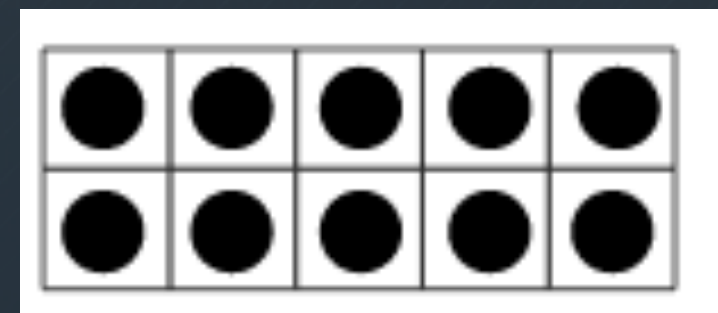
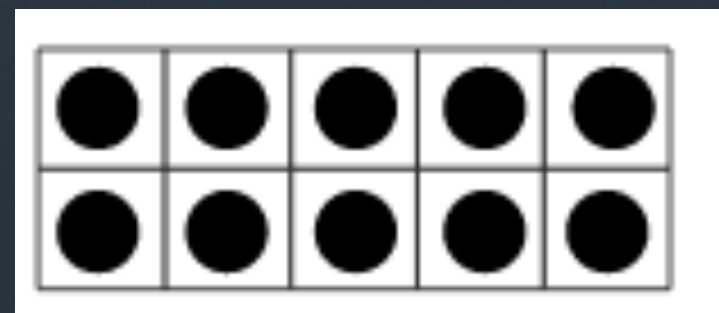
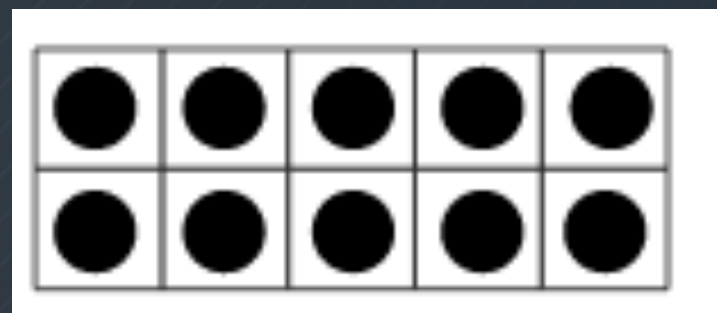
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Switching from “How Many?”
to “How Does...?”

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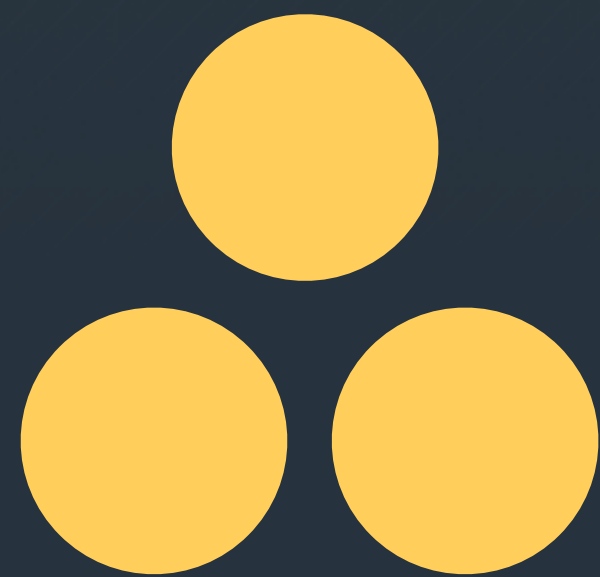
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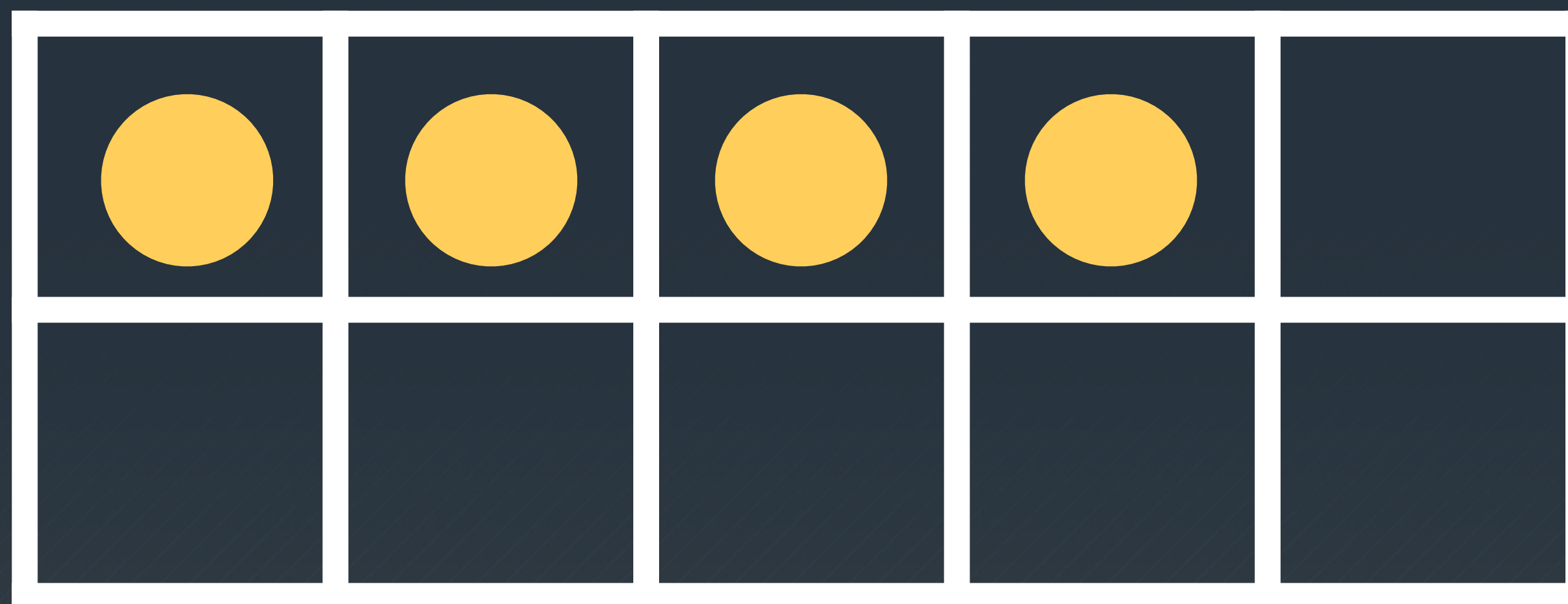
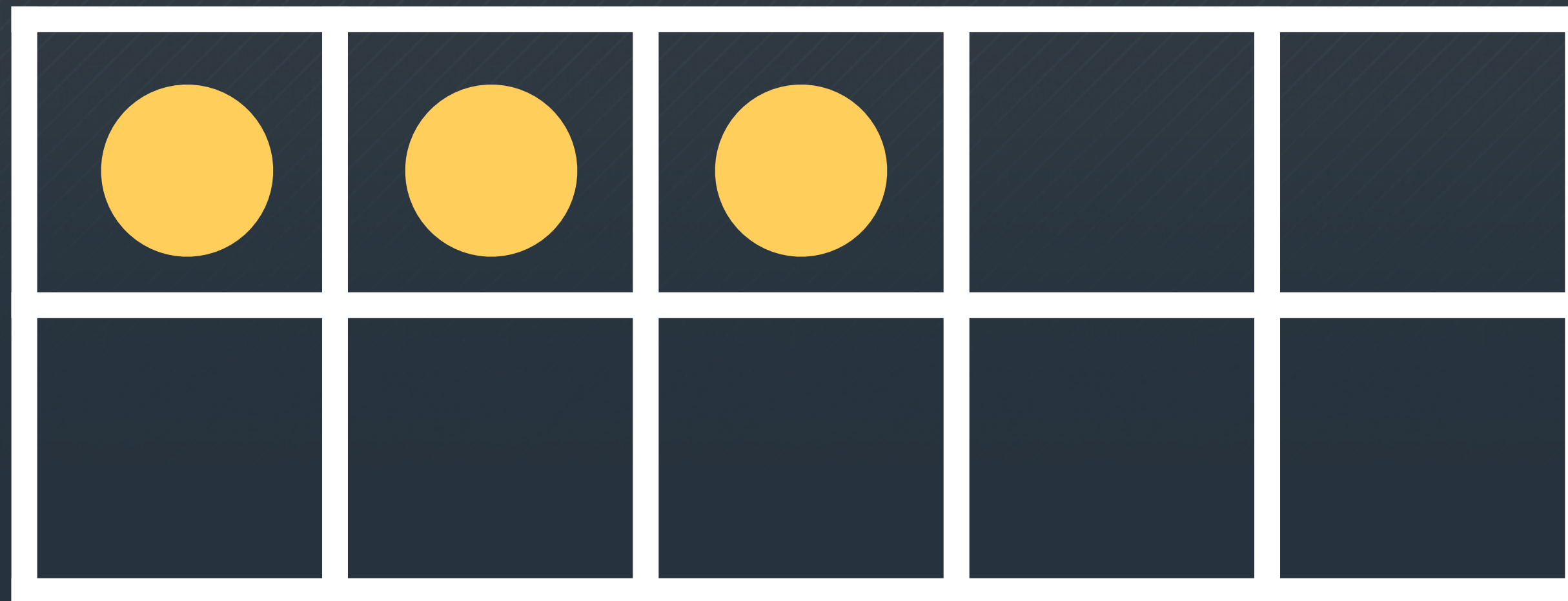
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Use Images that build the other
3 Relationships

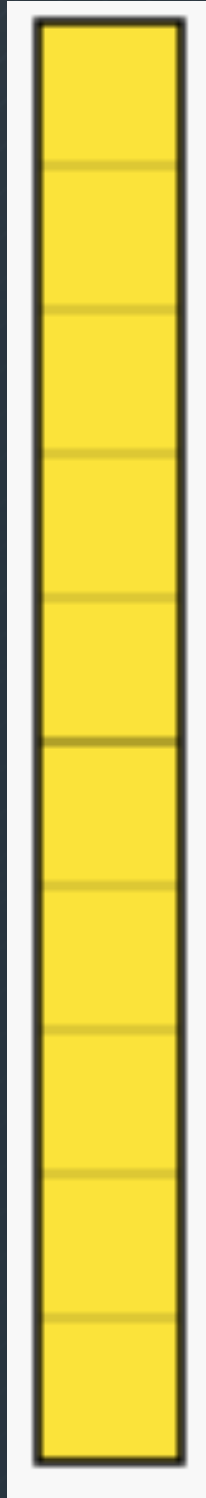
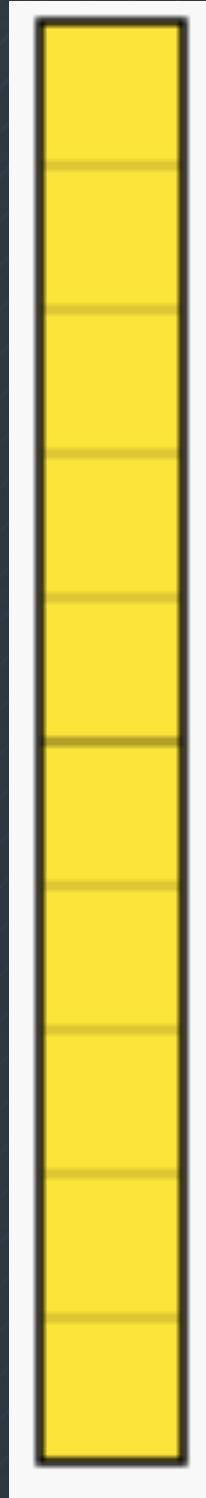
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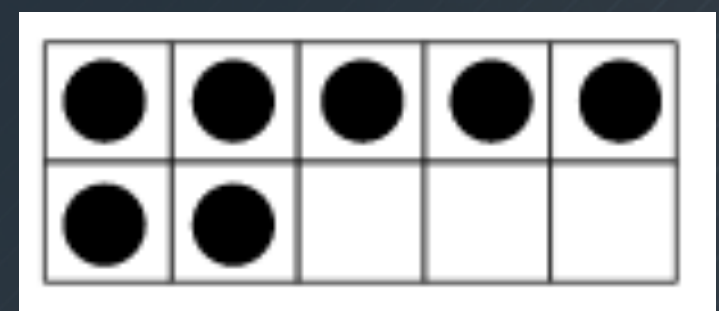
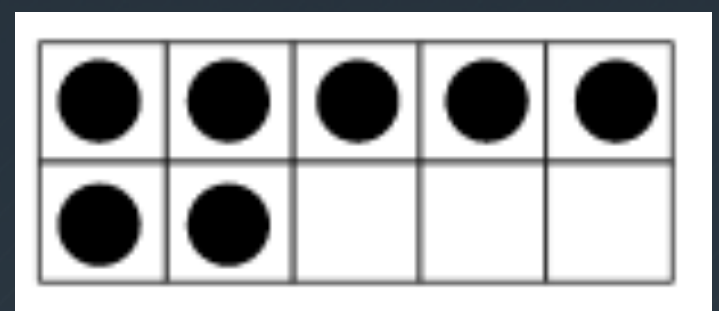
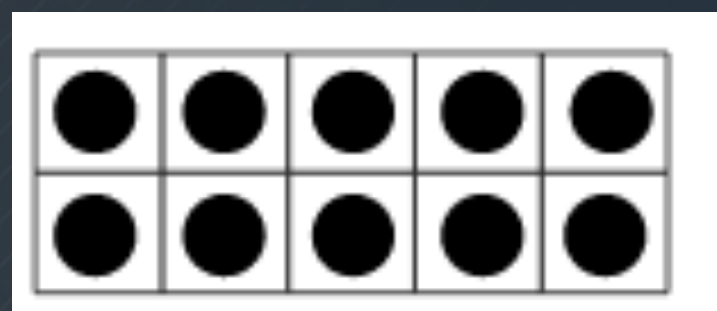
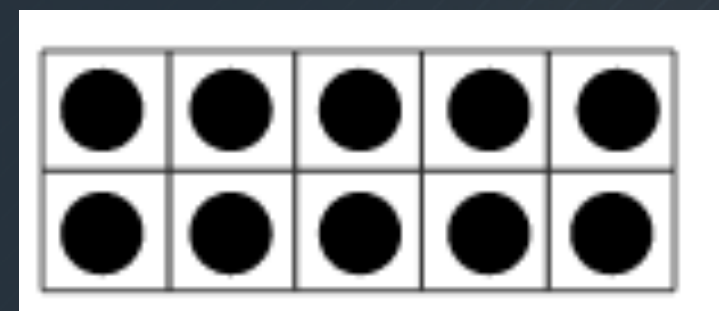
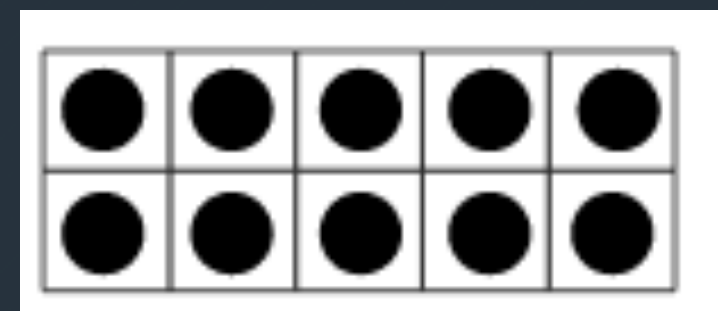
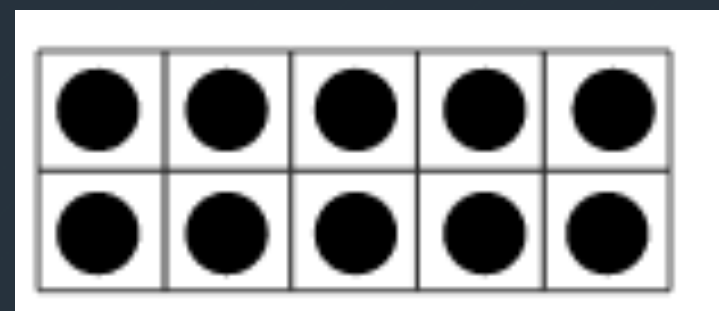
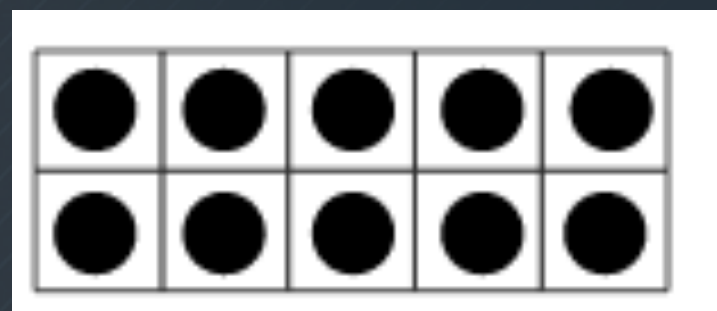
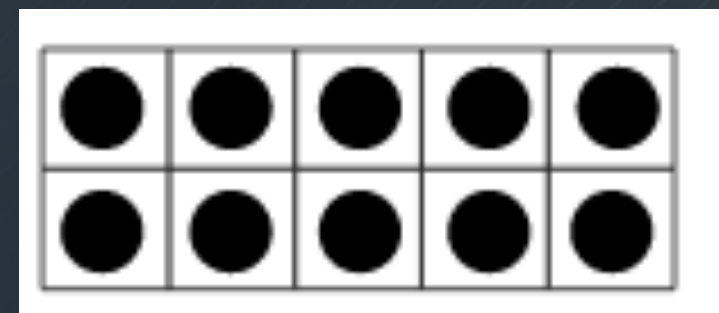
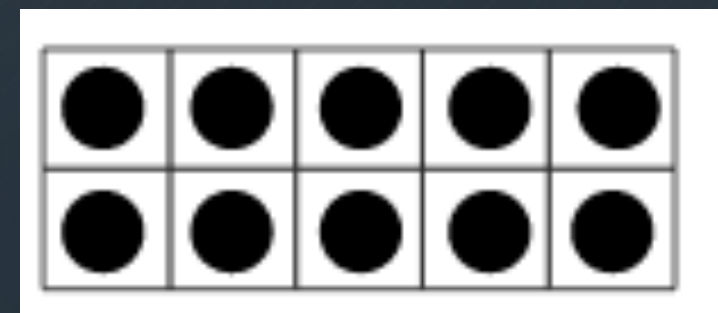
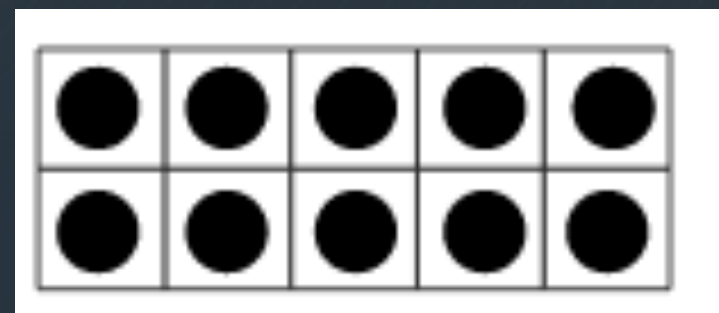
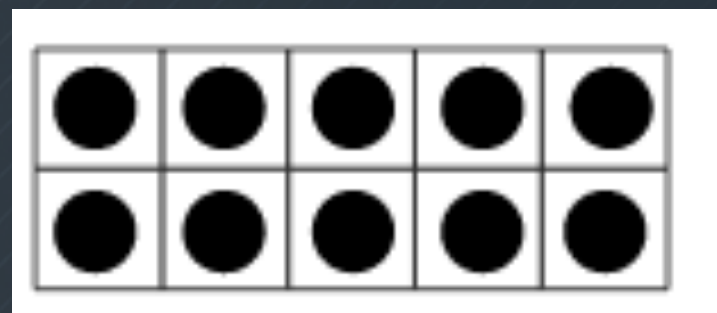
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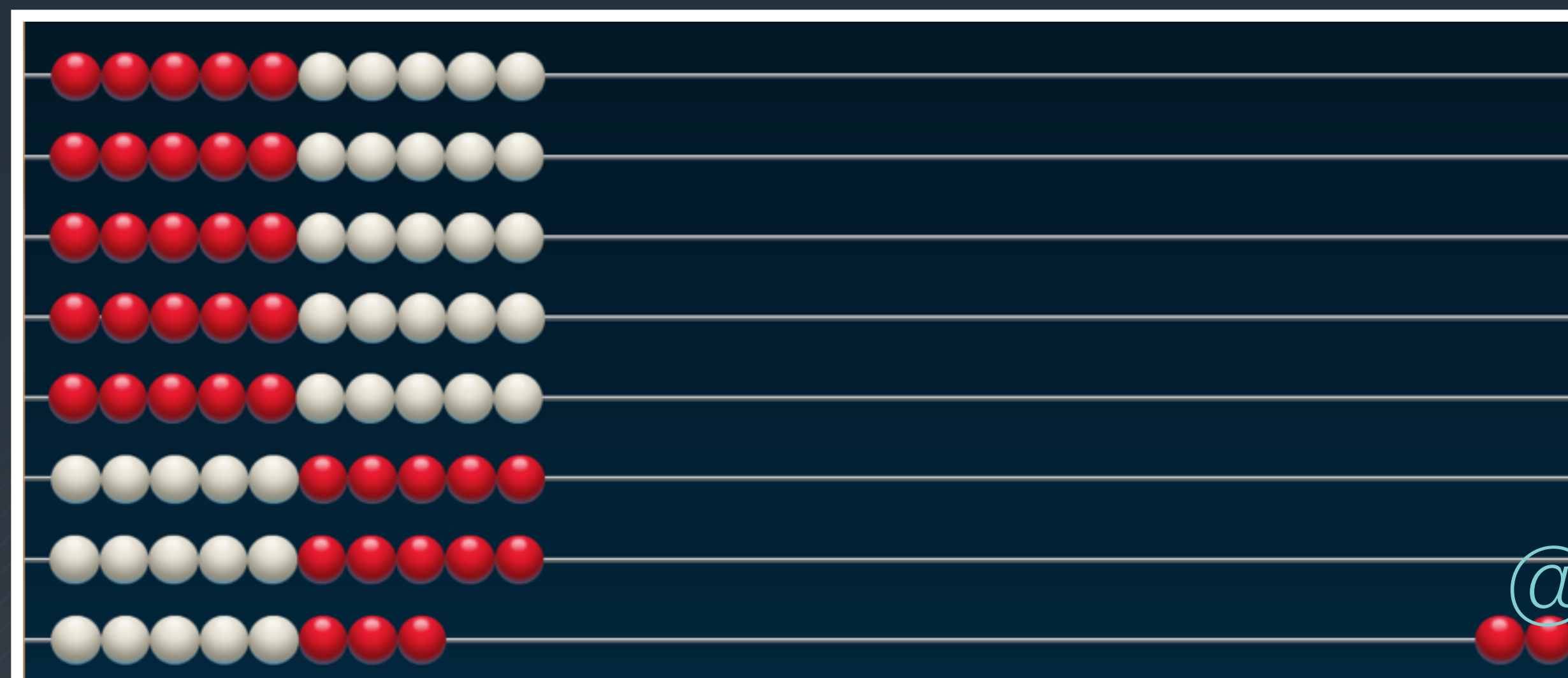
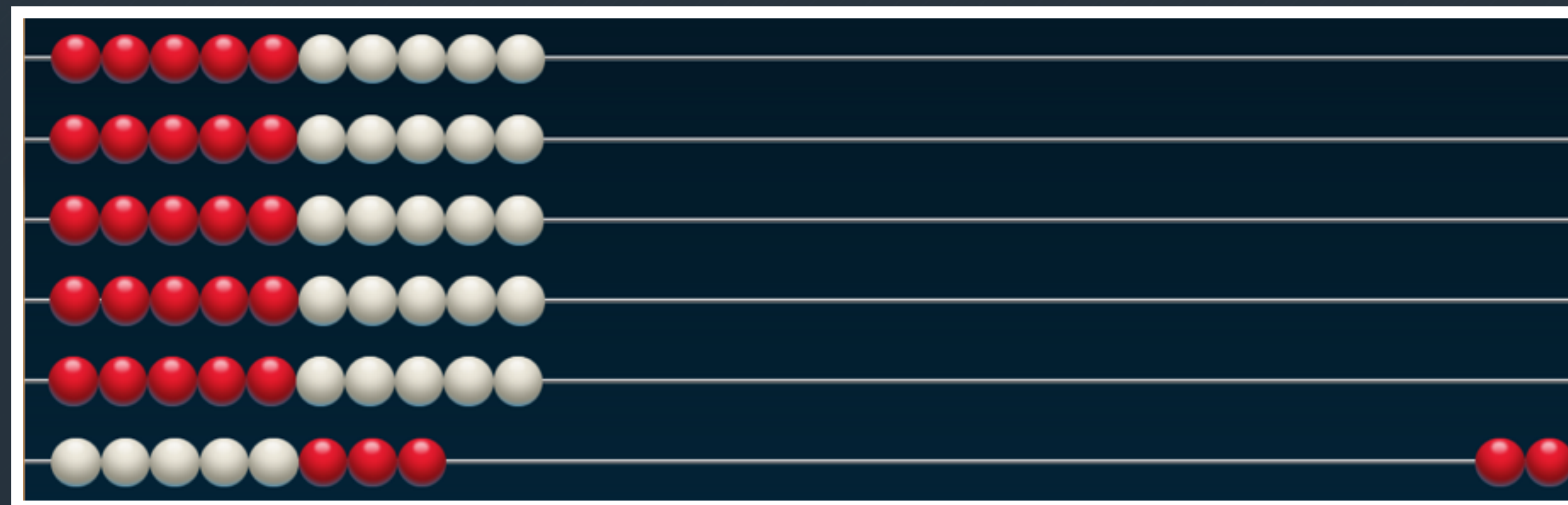
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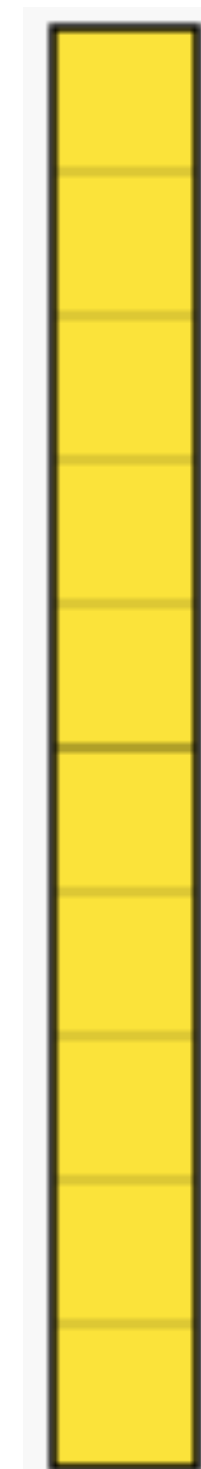
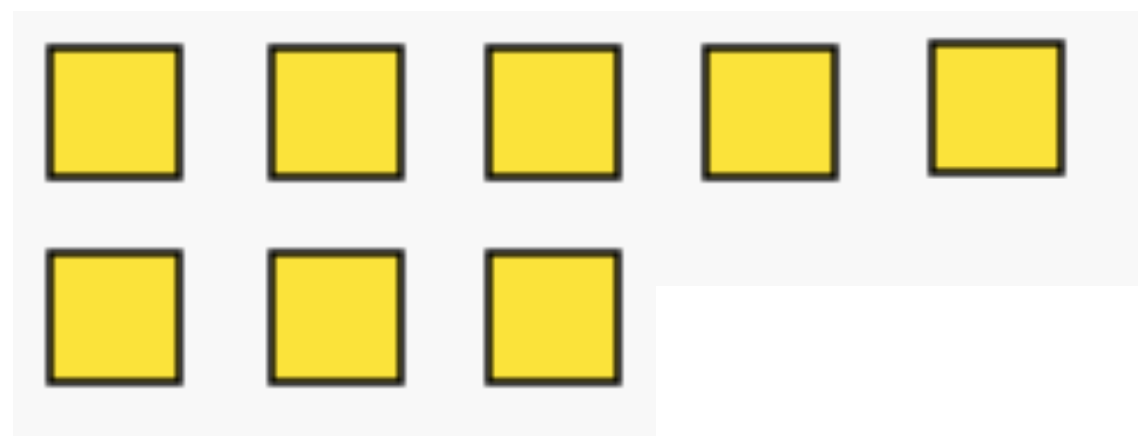
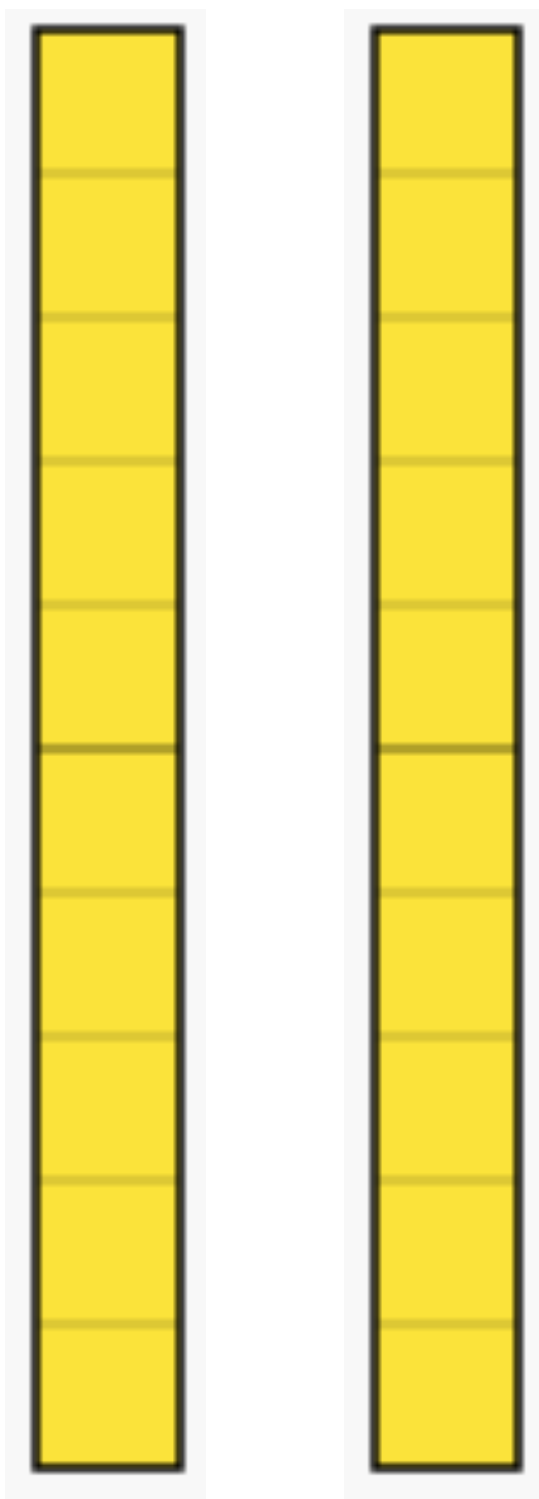
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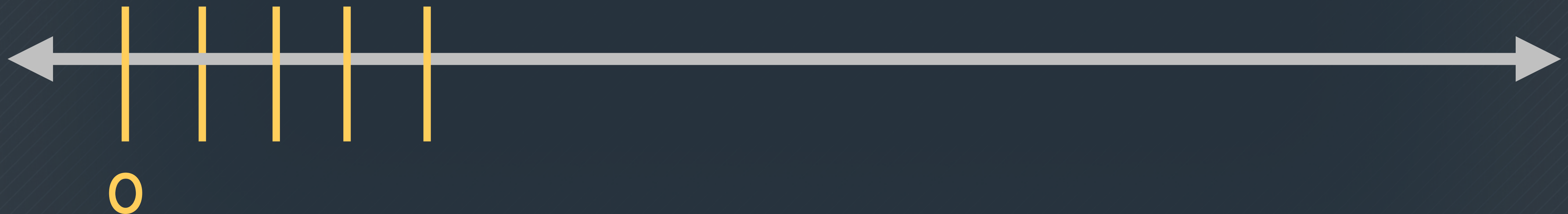
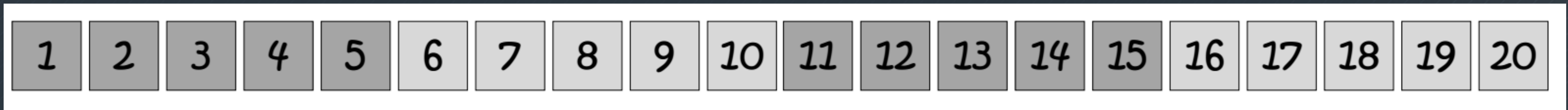


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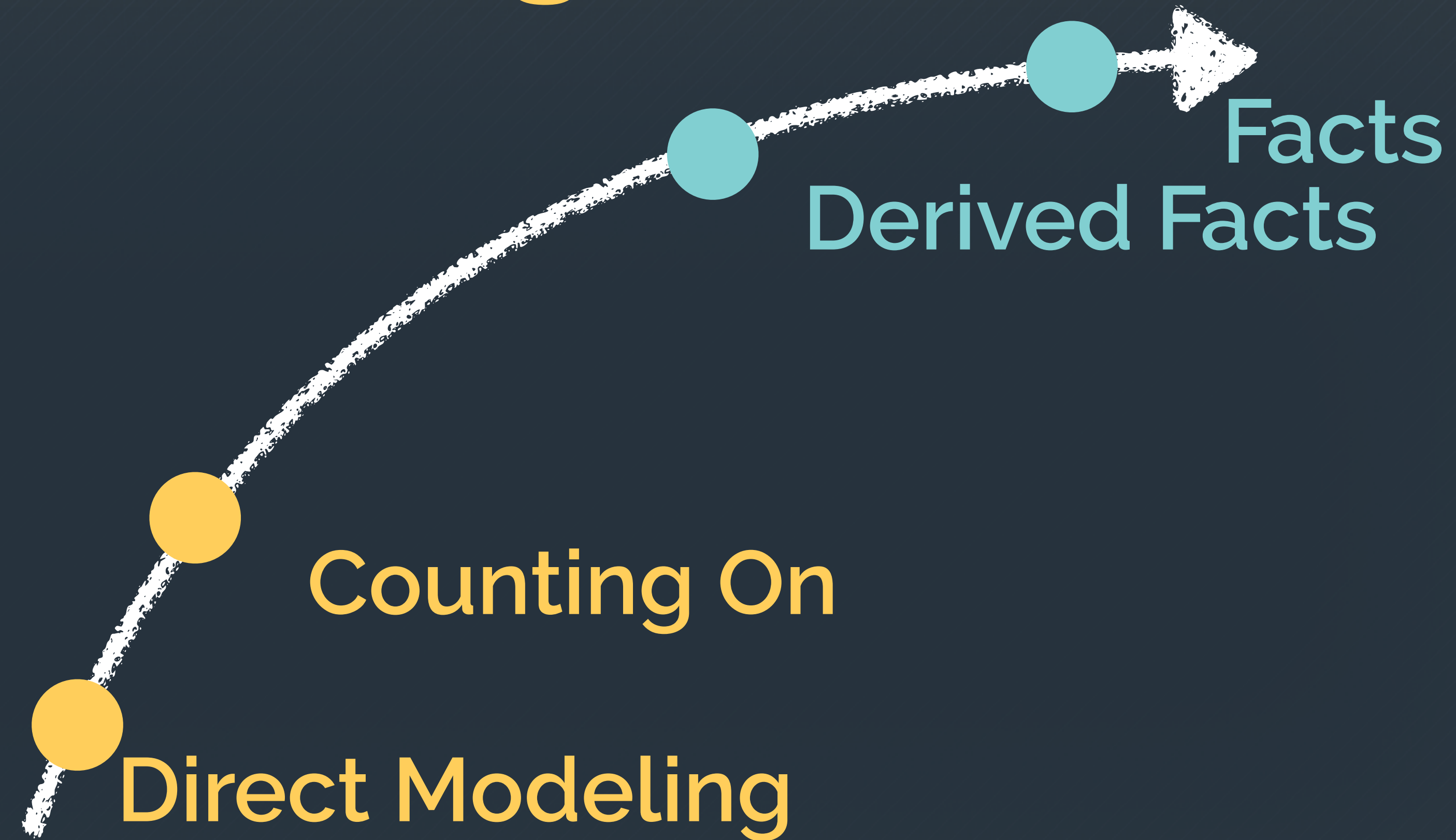
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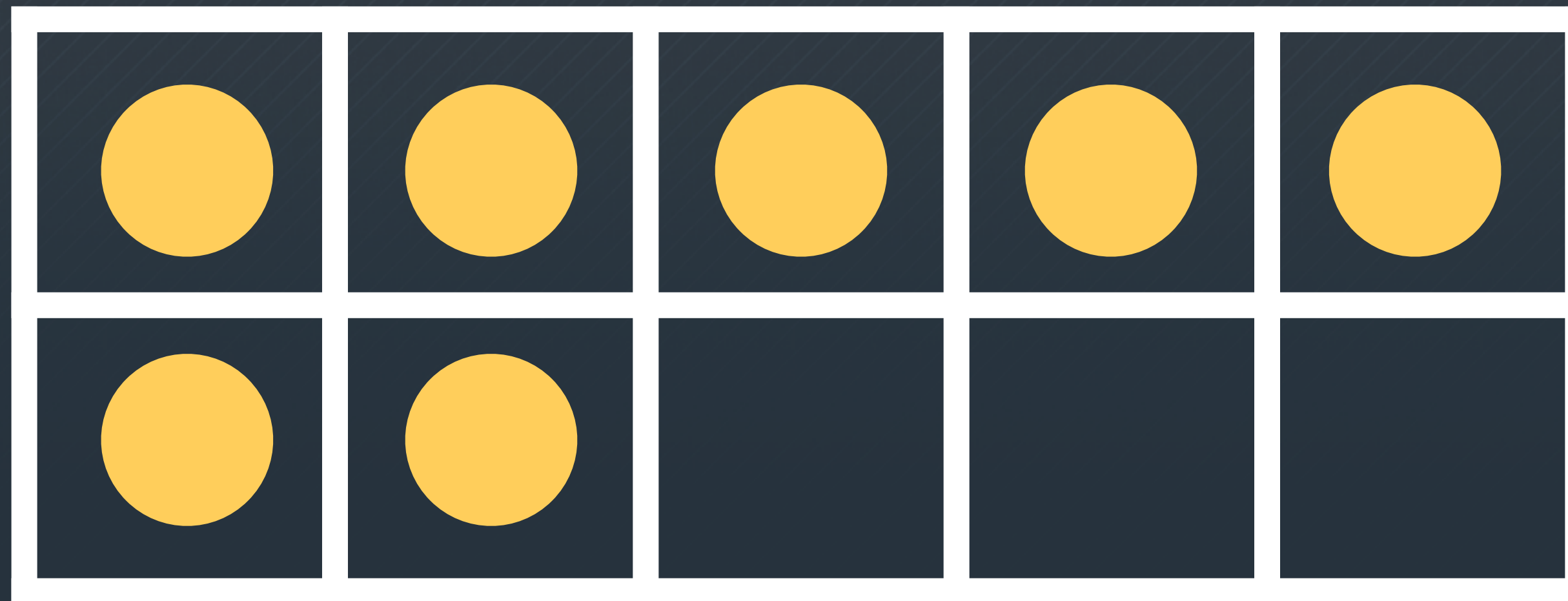


Developing Derived Facts & Invented Strategies

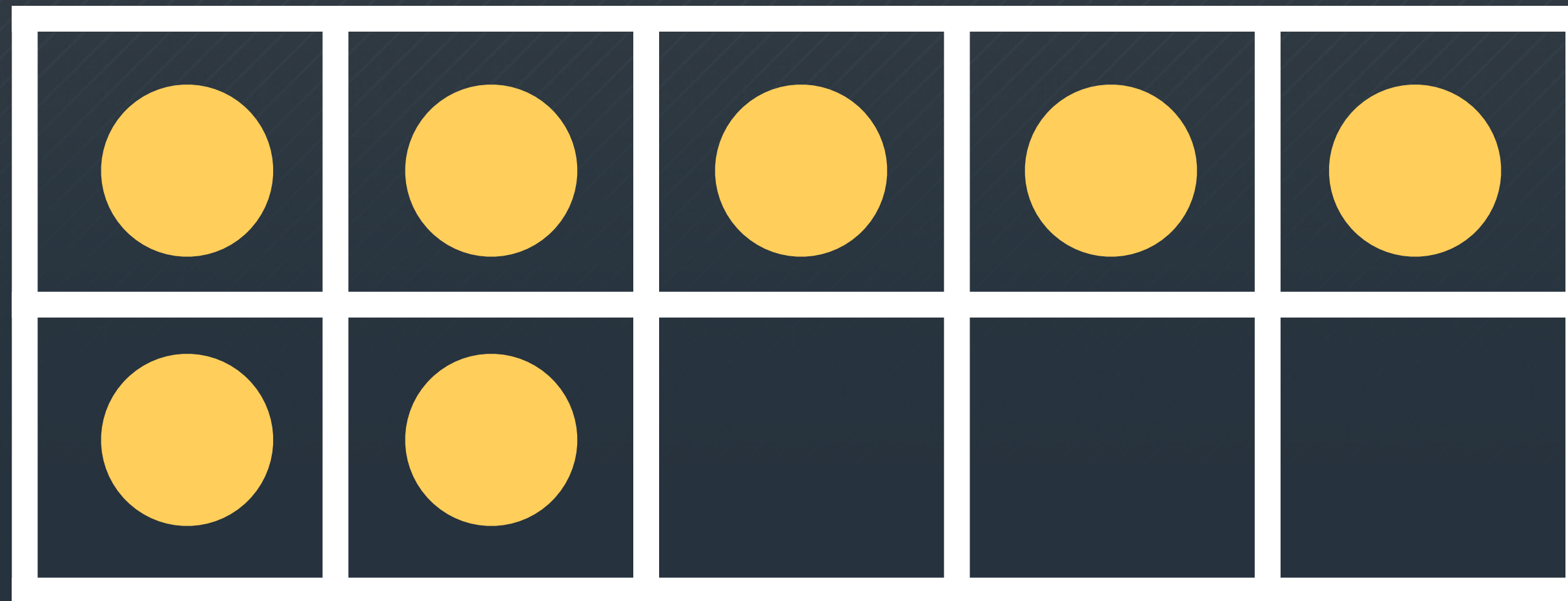
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CGI Progression

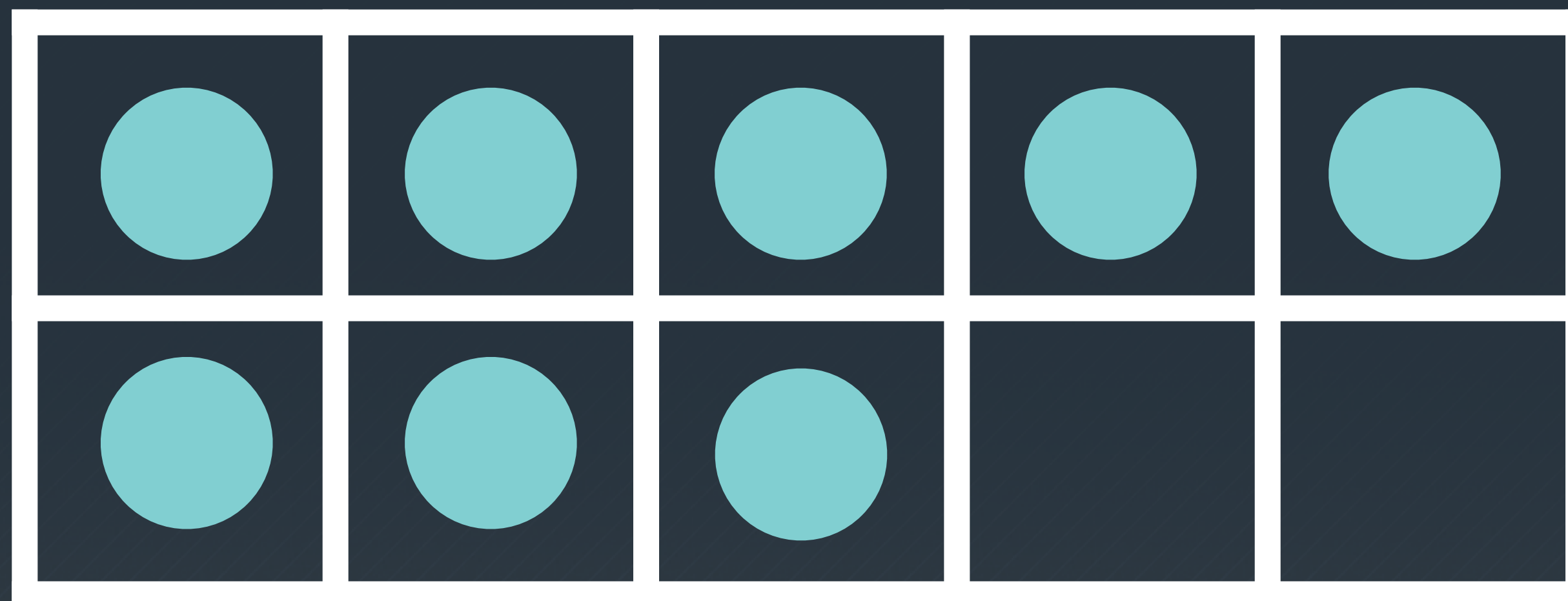




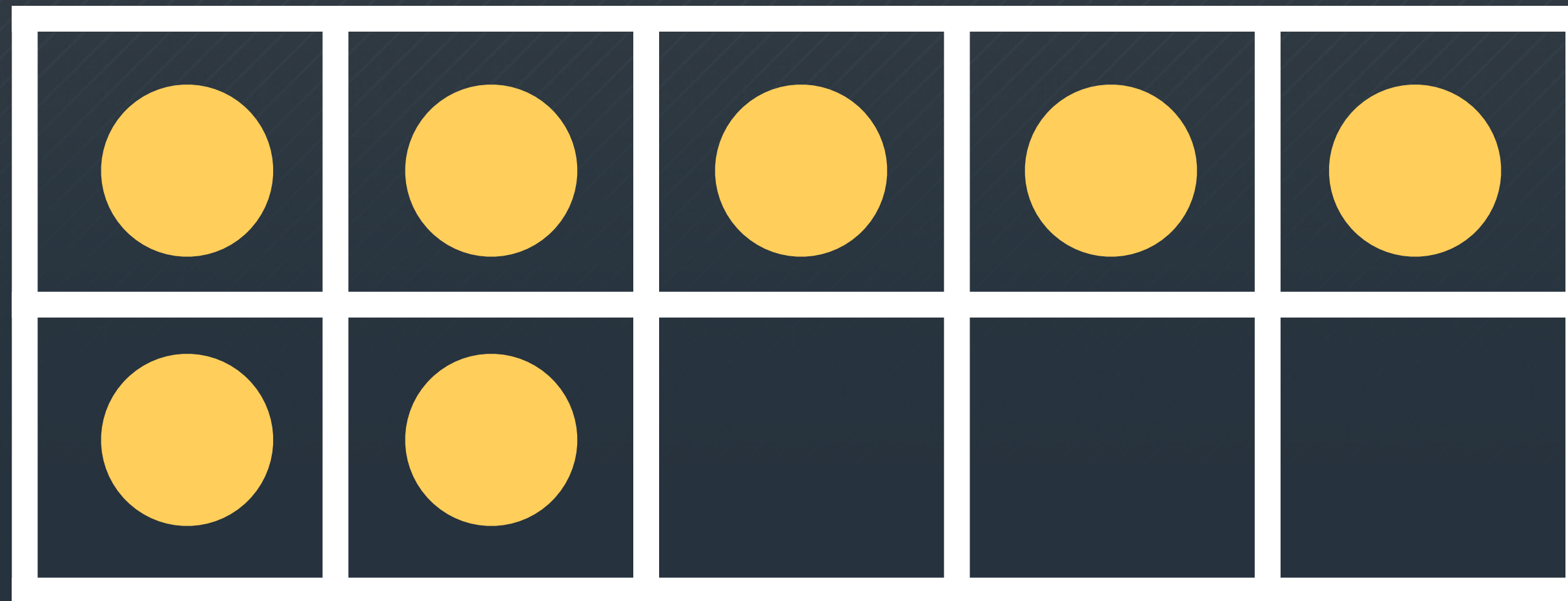
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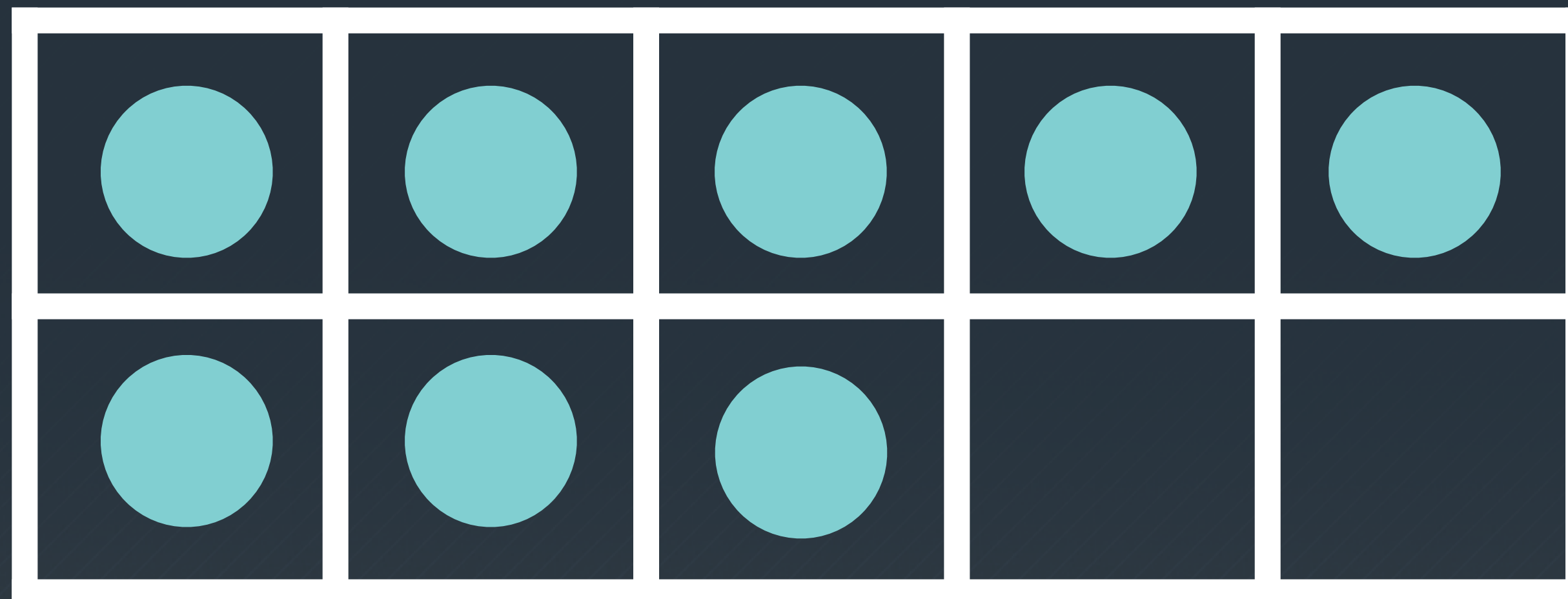
$$7 = 5 + 2$$
$$8 = 5 + 3$$



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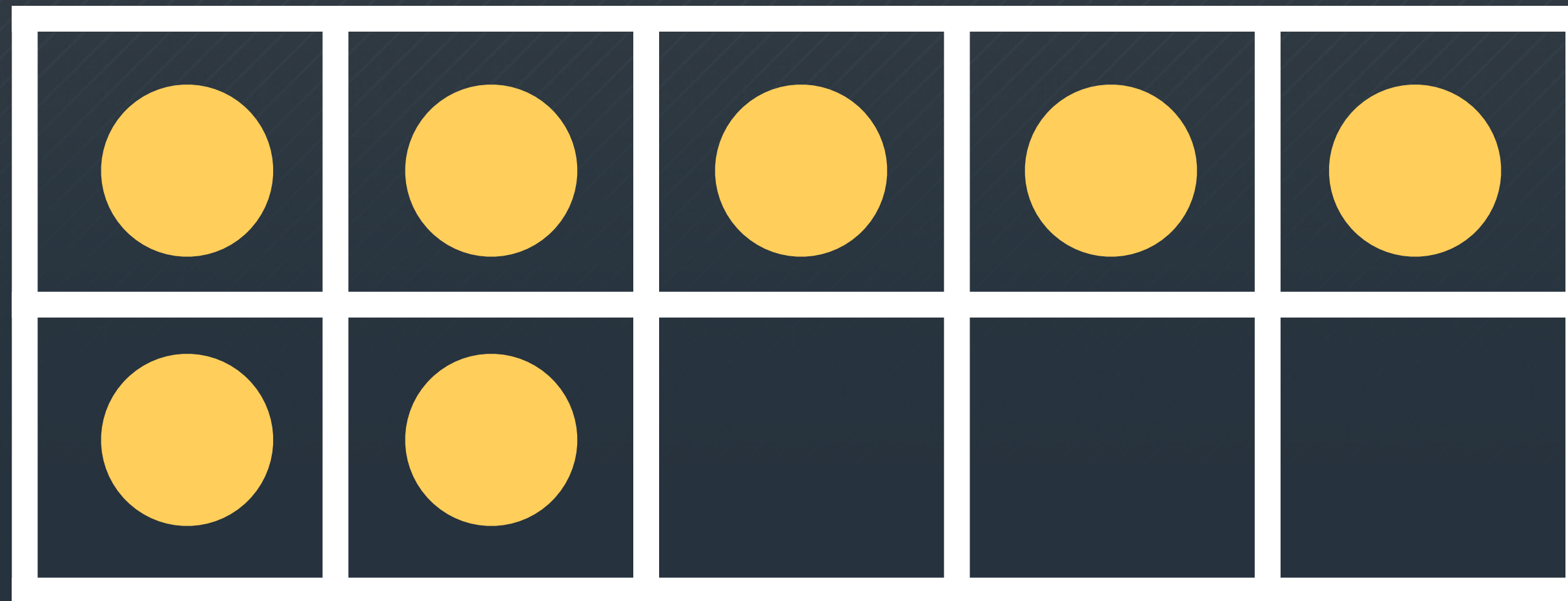


$$7 = 5 + 2$$

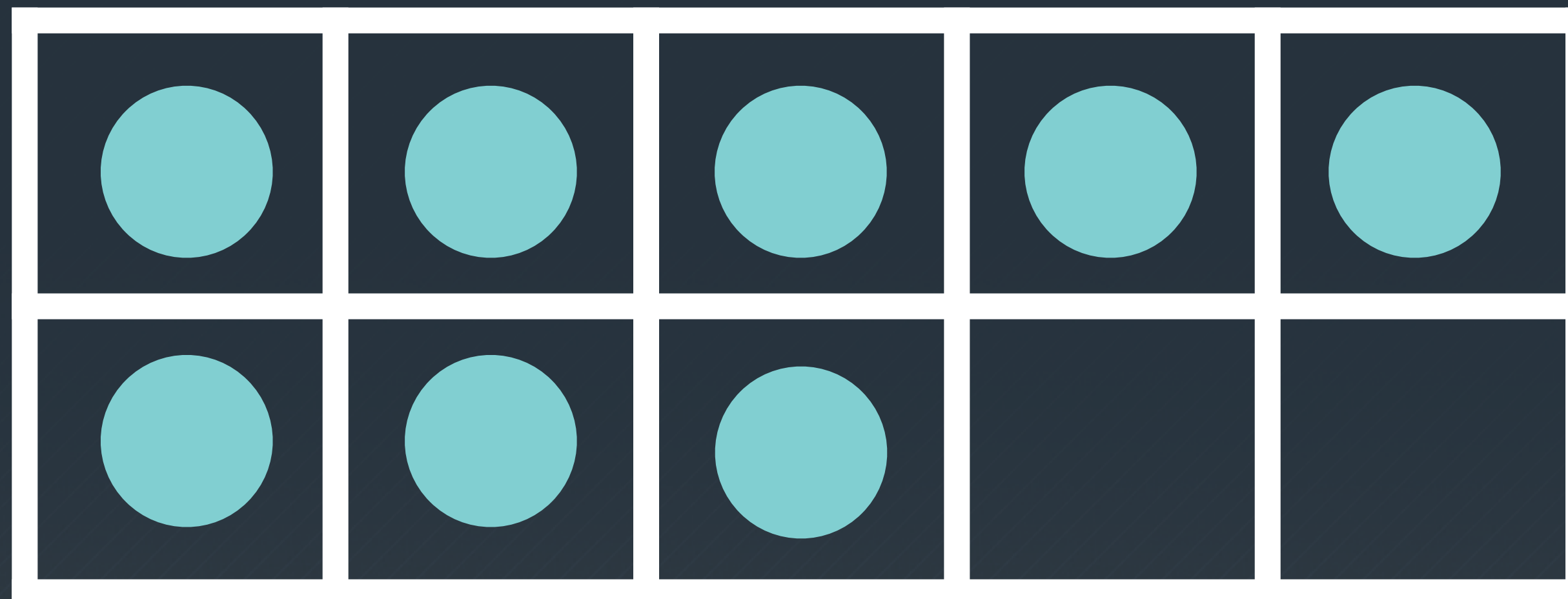


$$8 = 5 + 3$$

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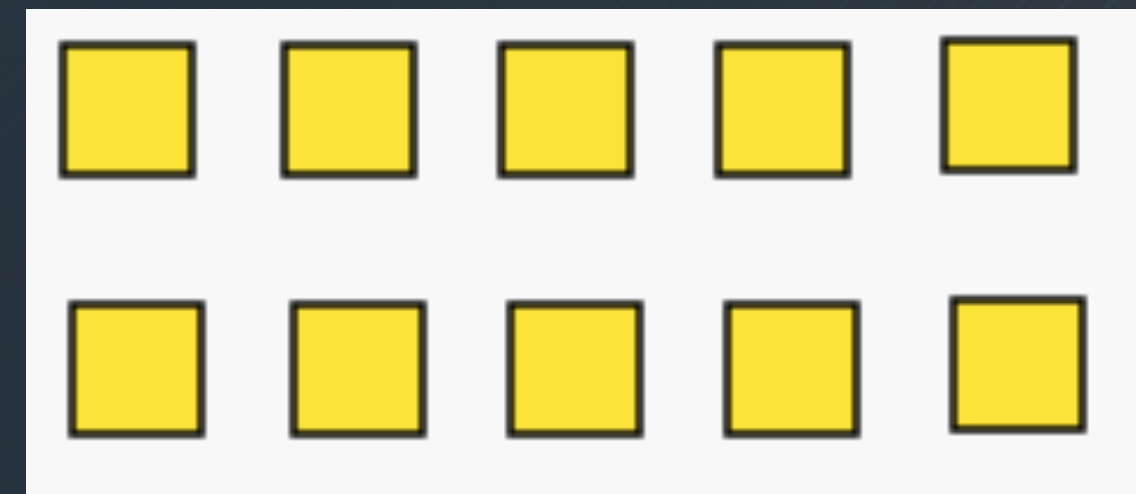
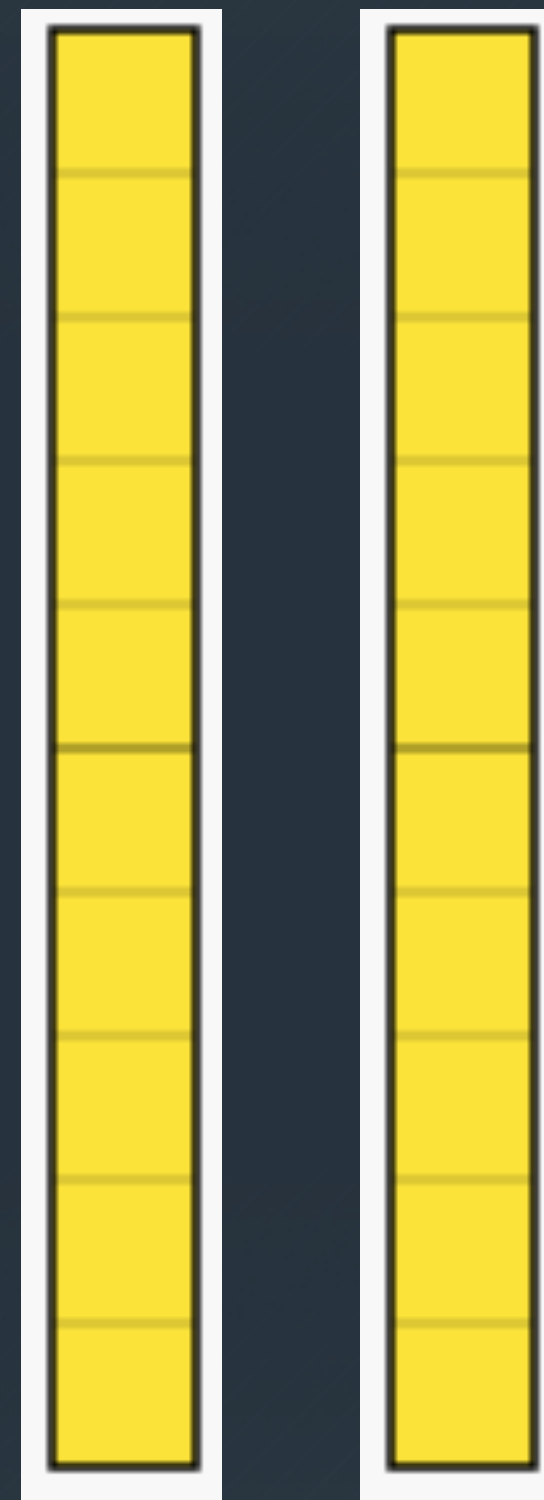
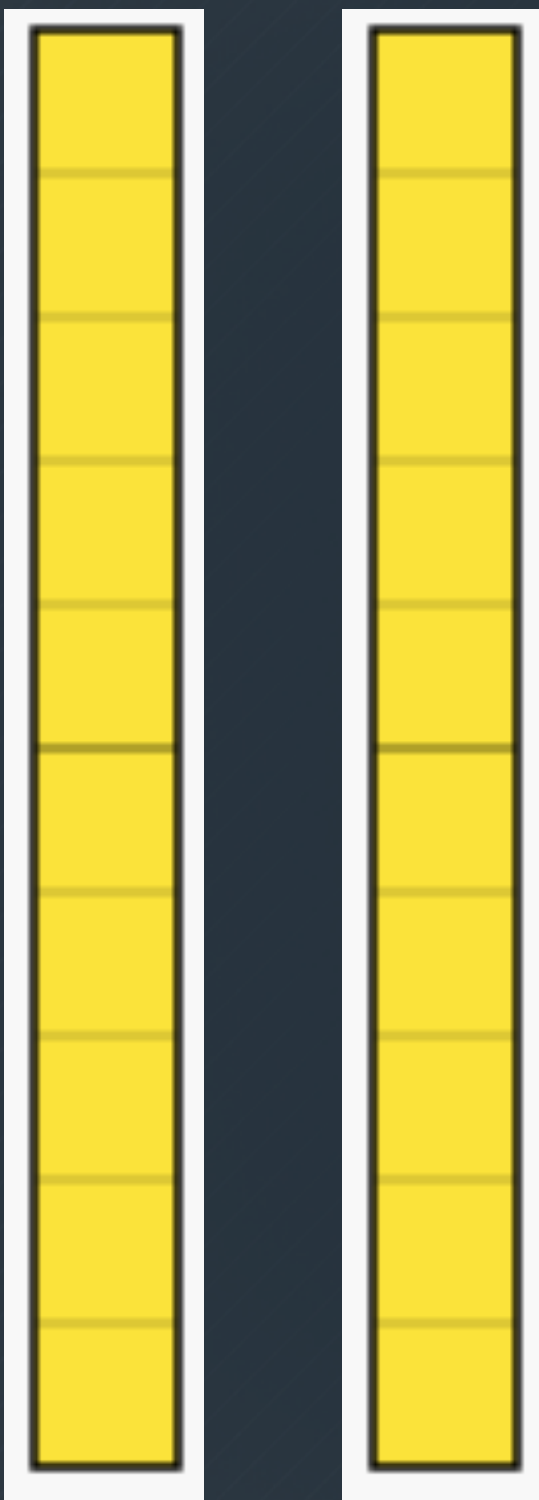


$$7 = 5 + 2$$

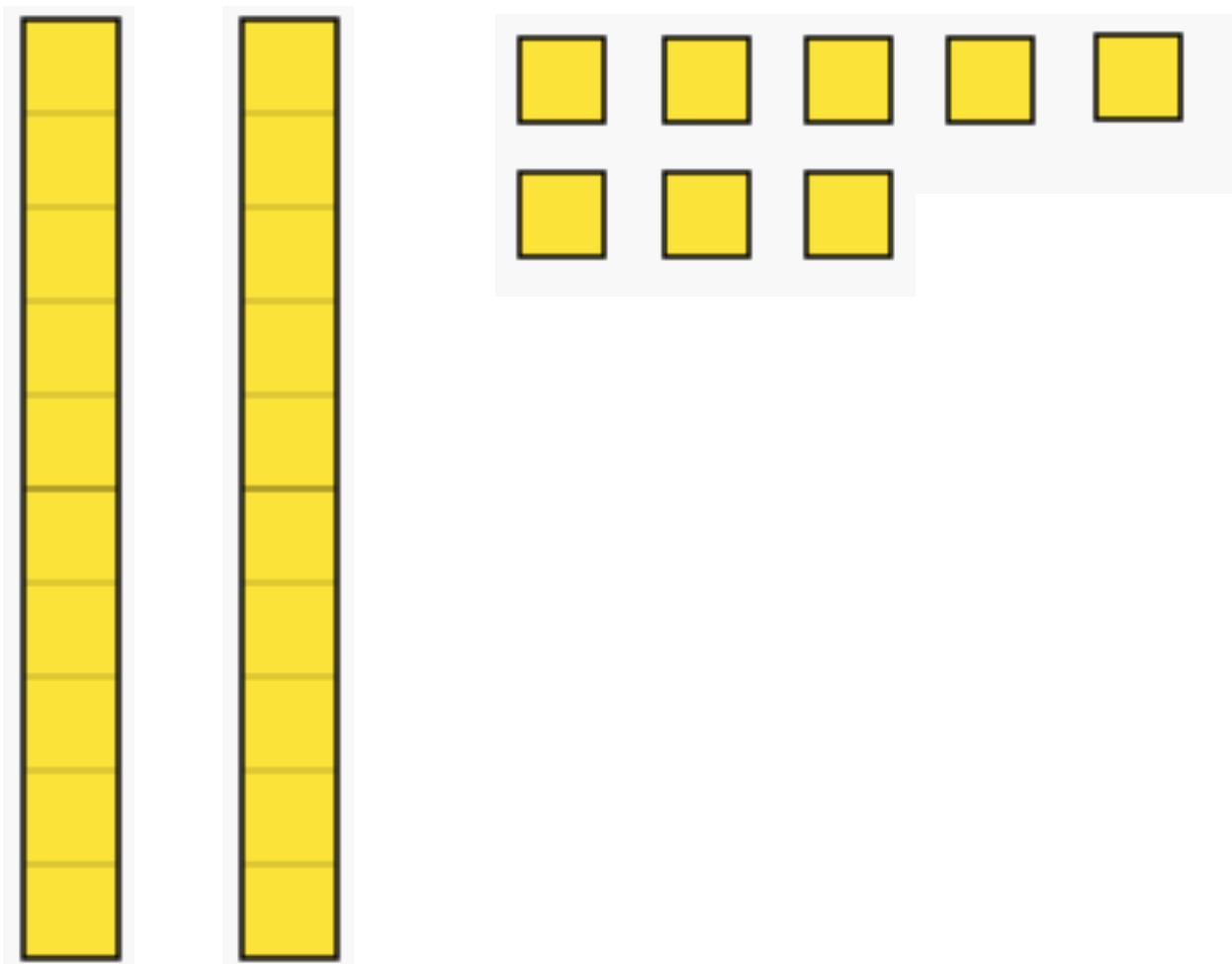


$$8 = 5 + 3$$

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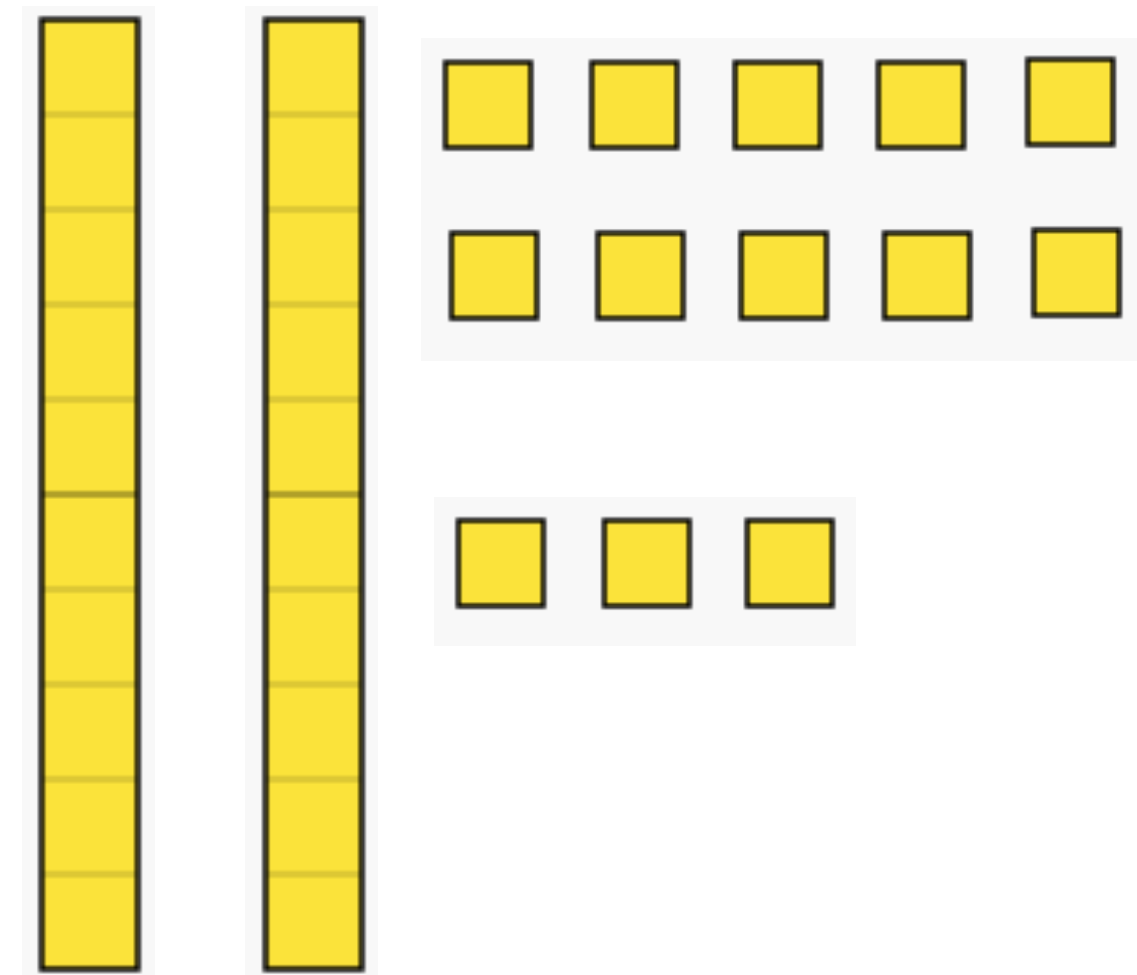
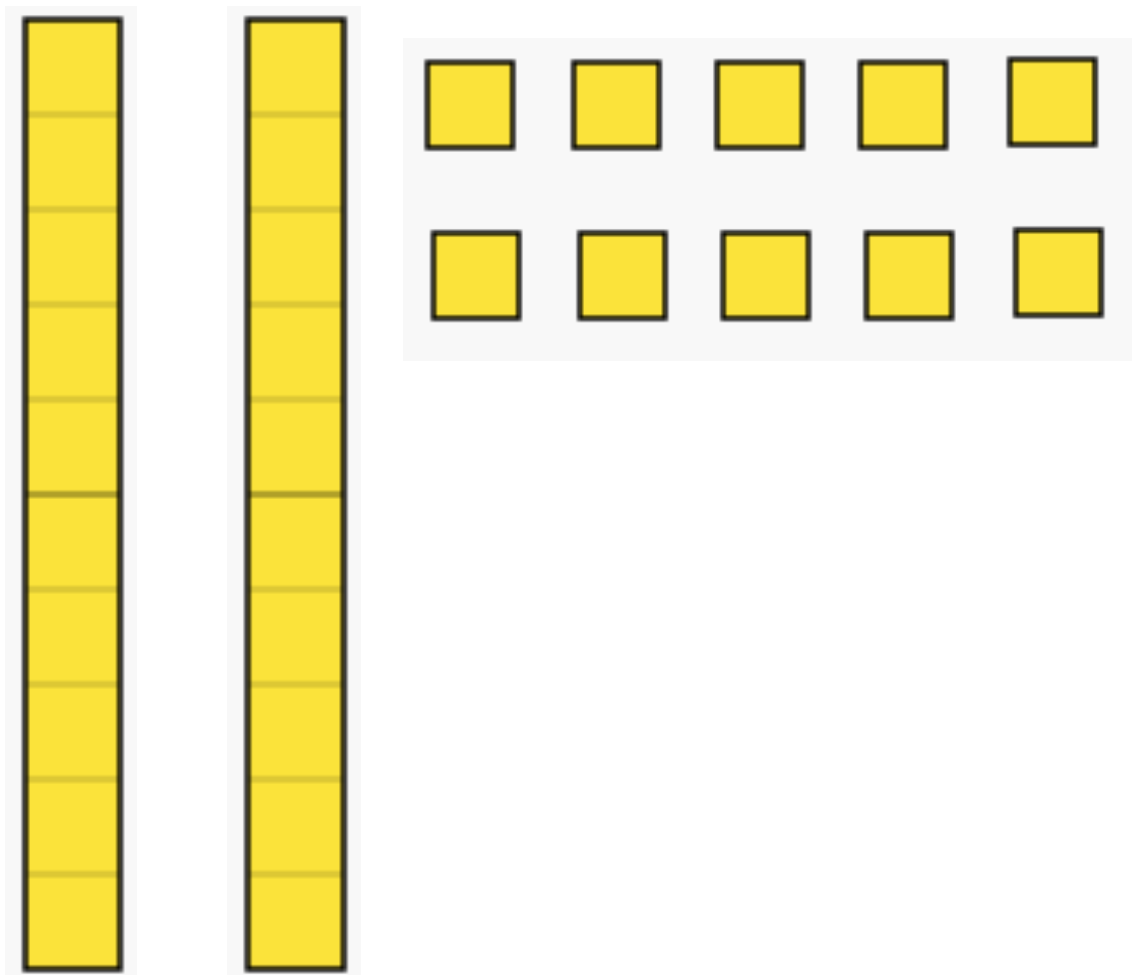
28

+

2

+

3



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Module 1: Understanding

One/Two More & Less

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