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THE MATHEMATICAL  
ASSOCIATION OF VICTORIA

A handful of  
favourites:  
Explore a  
collection of  
context rich  
investigations

MAV Conference 2019

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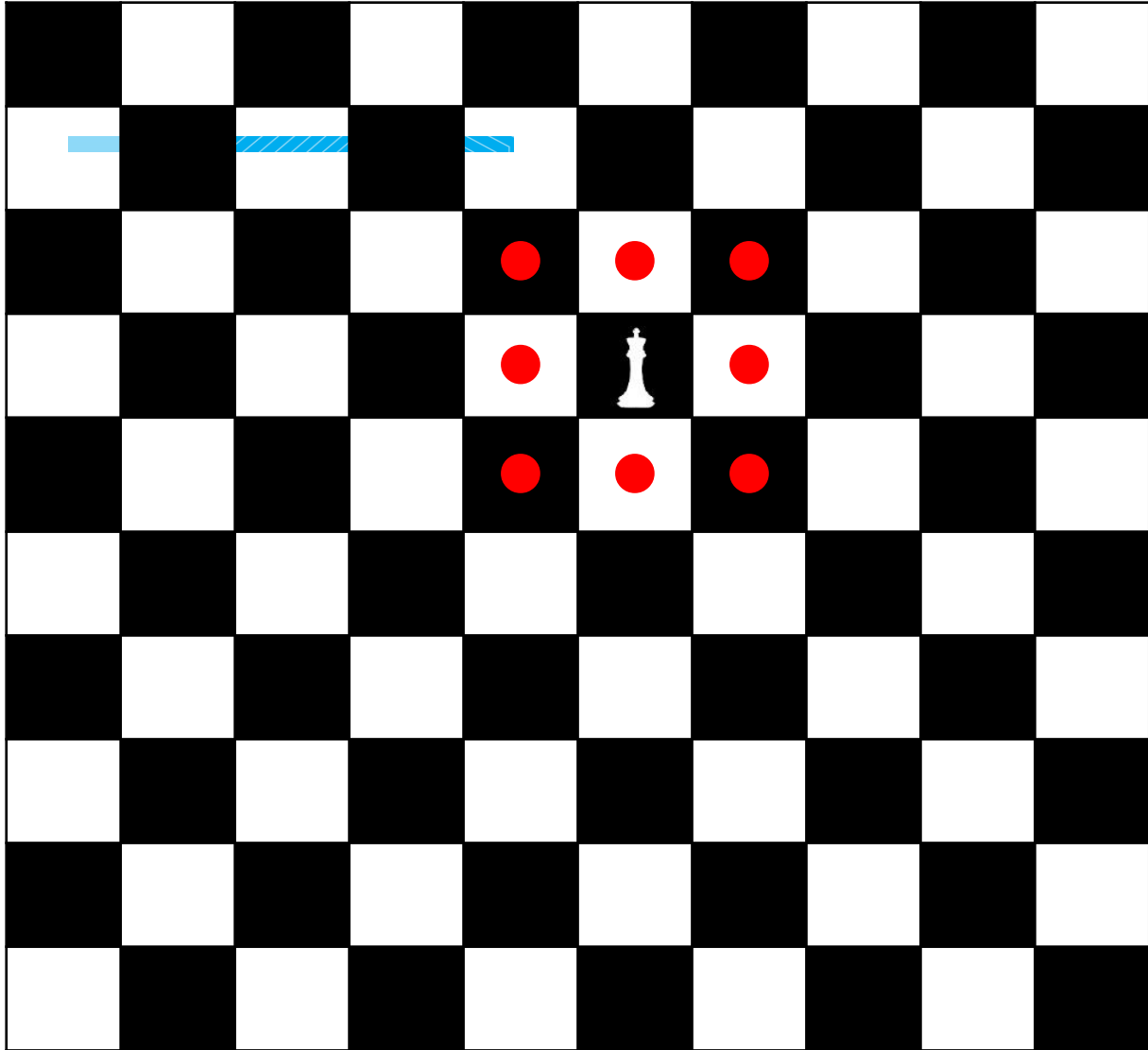
# Paper plates

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# Elevator Challenge





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# THE KING

The King can move one square at a time in any direction



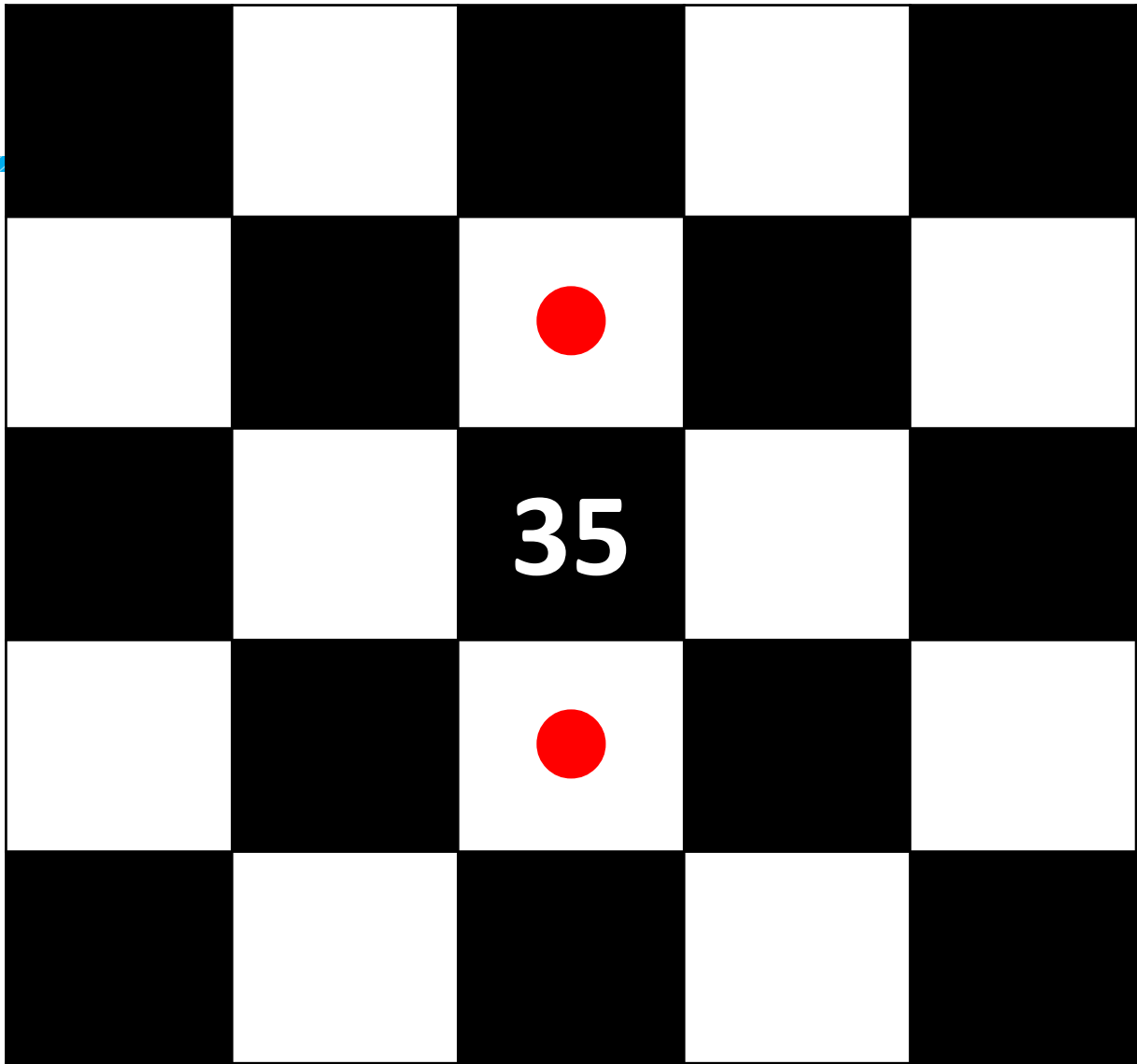
What numbers on the chart can the King move to if it starts on:

- 12
- 94
- 27
- 50
- 81



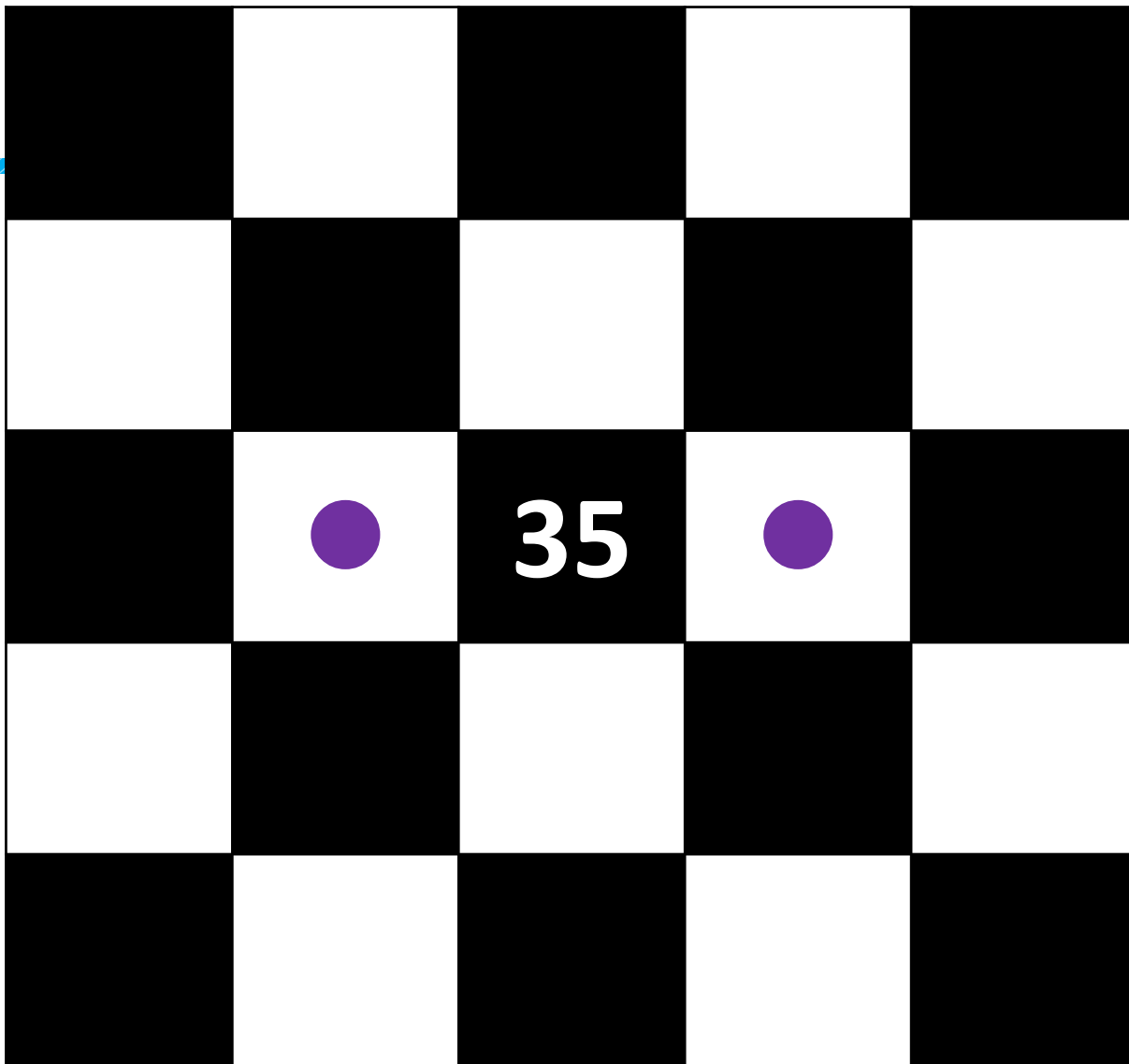
The King can move to 23 and 41.  
Where is the king on the chart?

The King can move to 47 and 46.  
Where is the king on the chart?

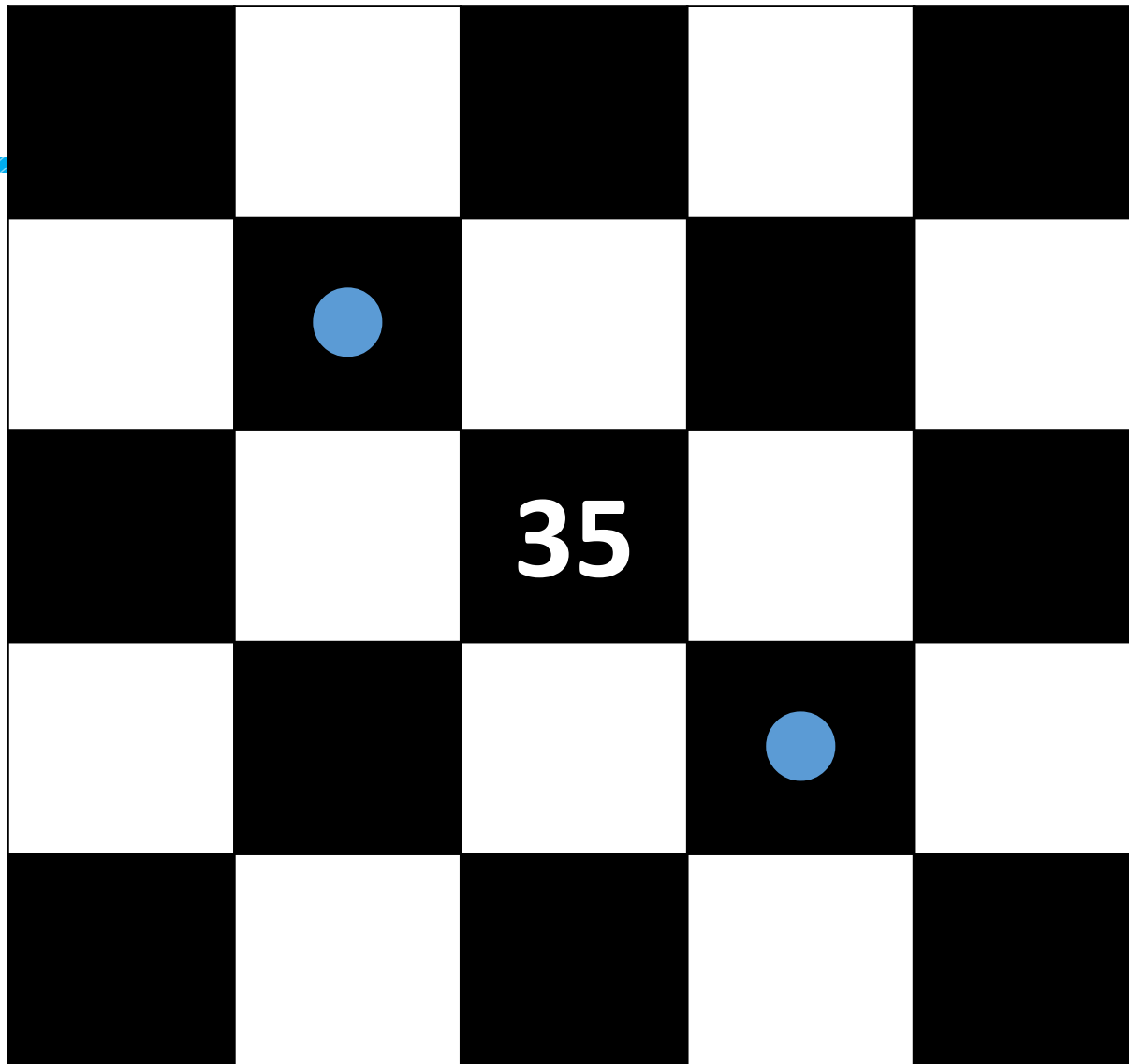


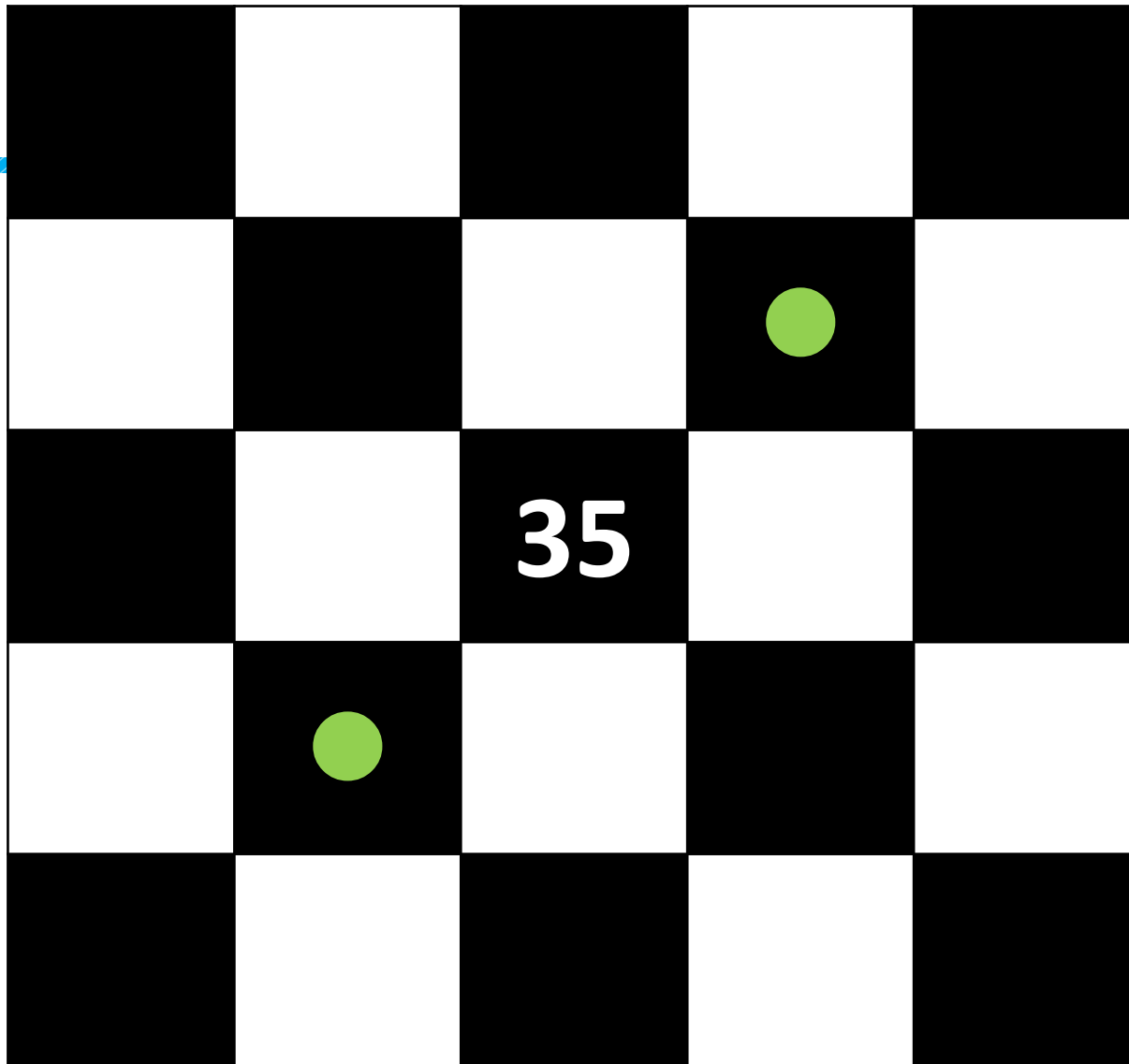
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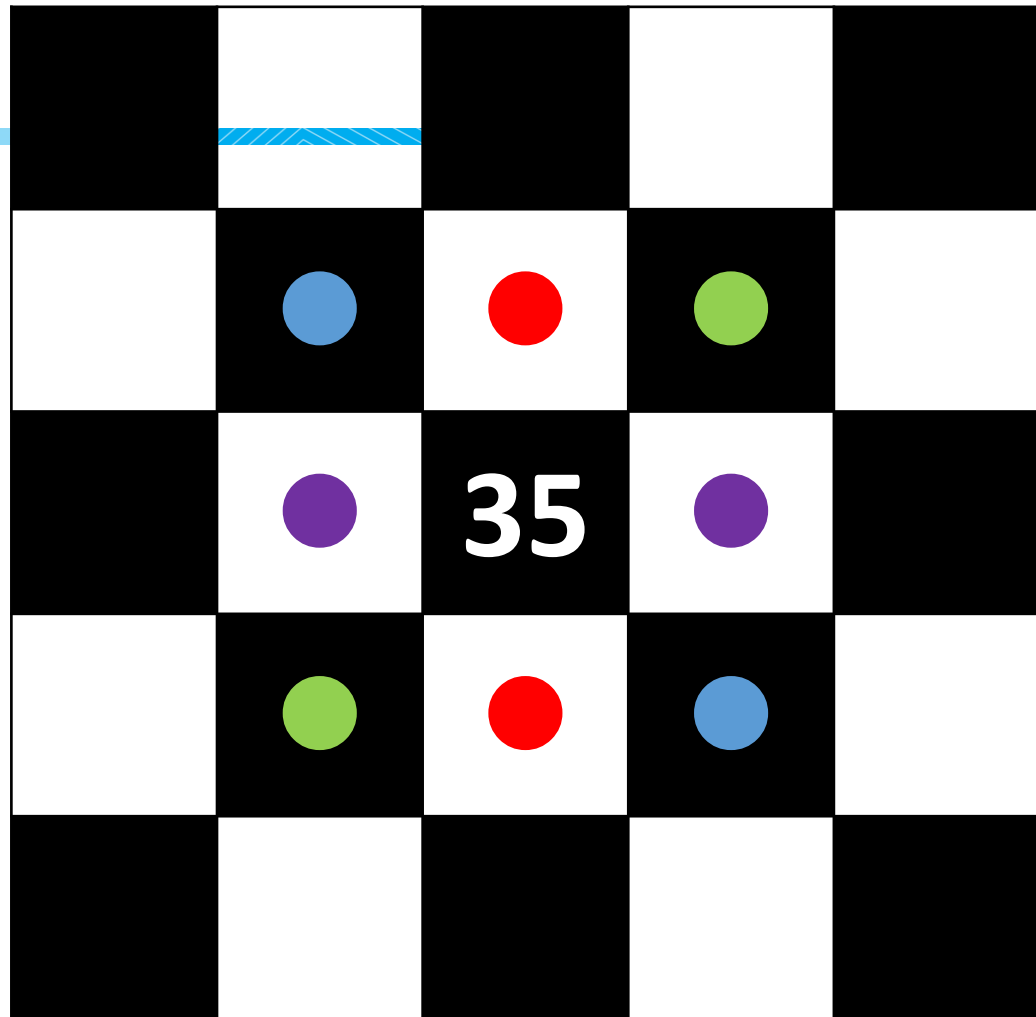








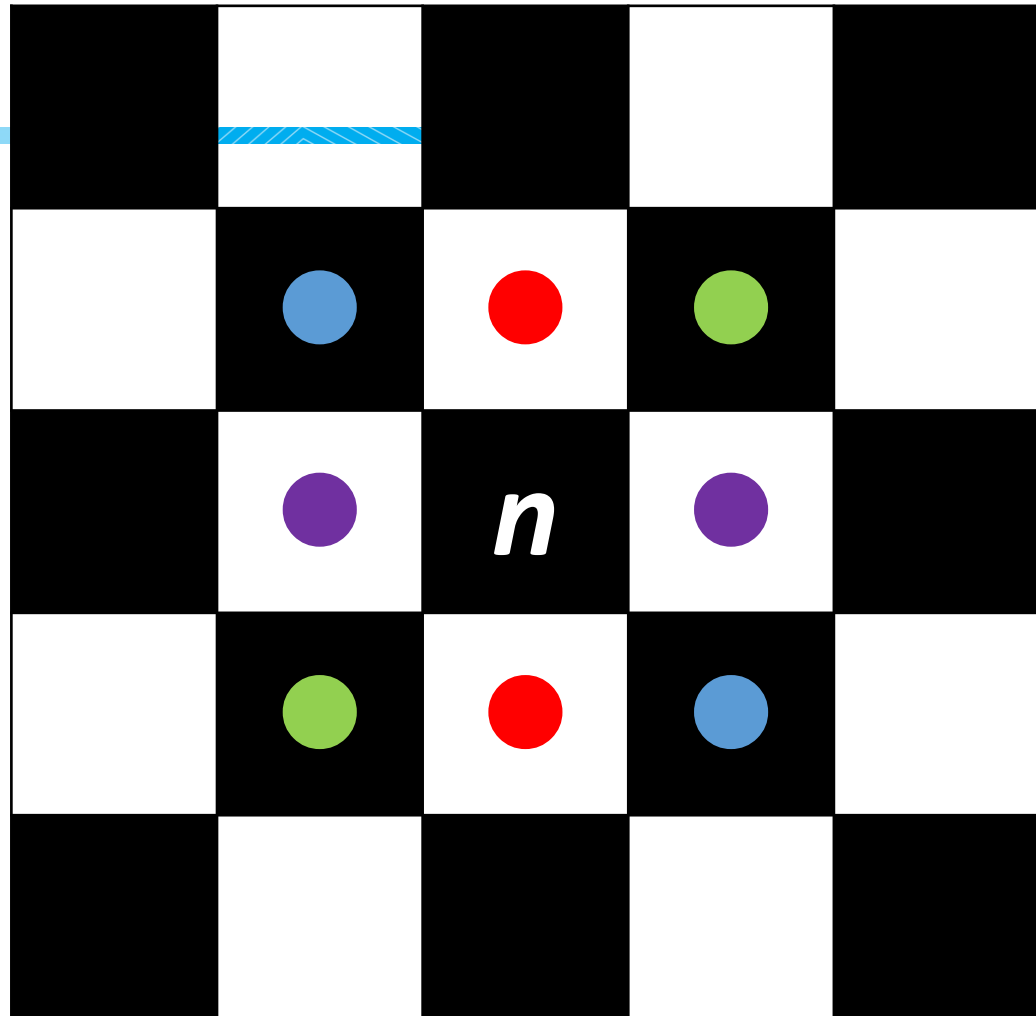




**What do you notice?**

**Can you see a relationship to 35?**

**Why does this happen?**



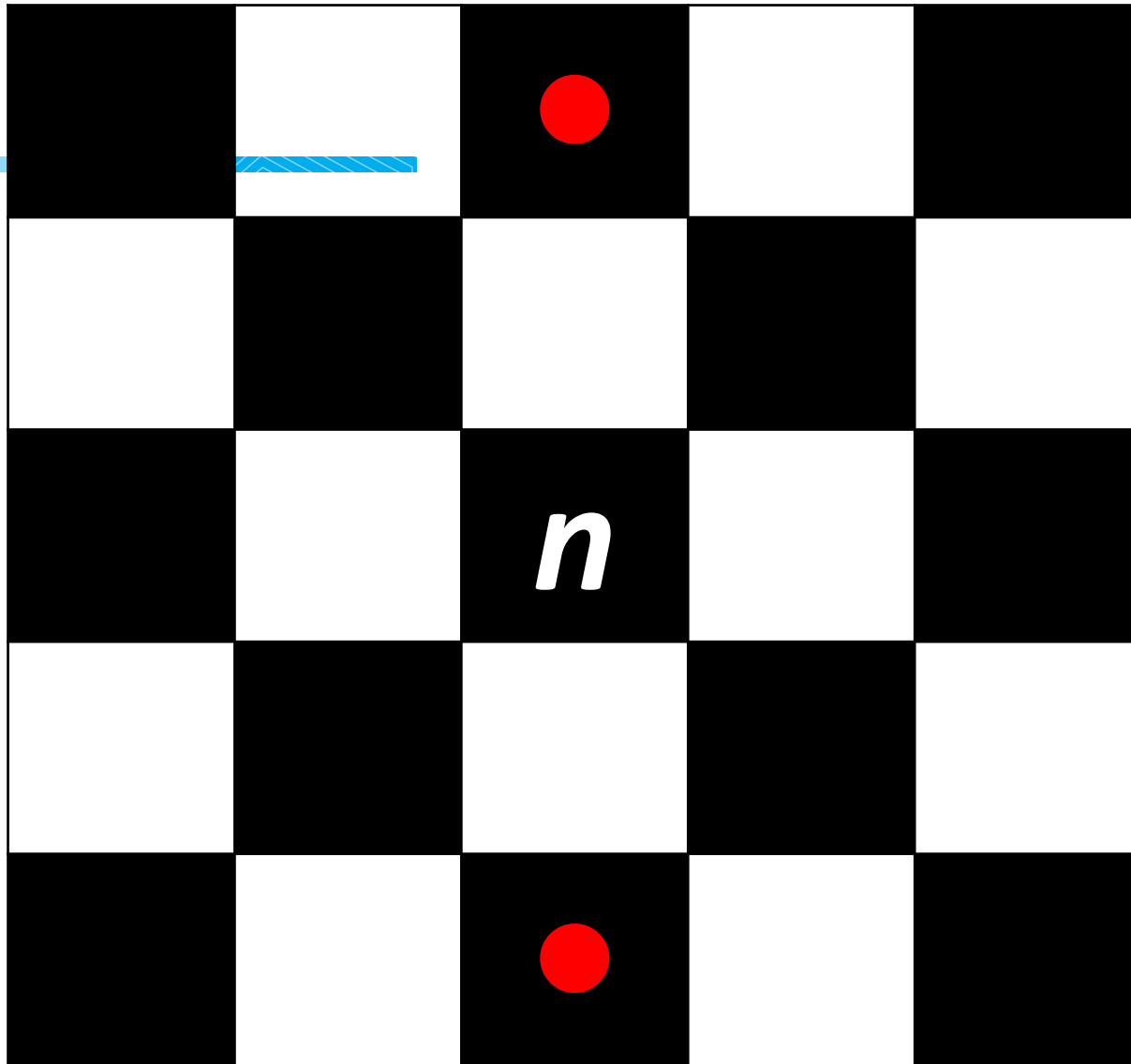
**What if the starting number wasn't 35?**

**Will this happen for any number on the  
number chart?**

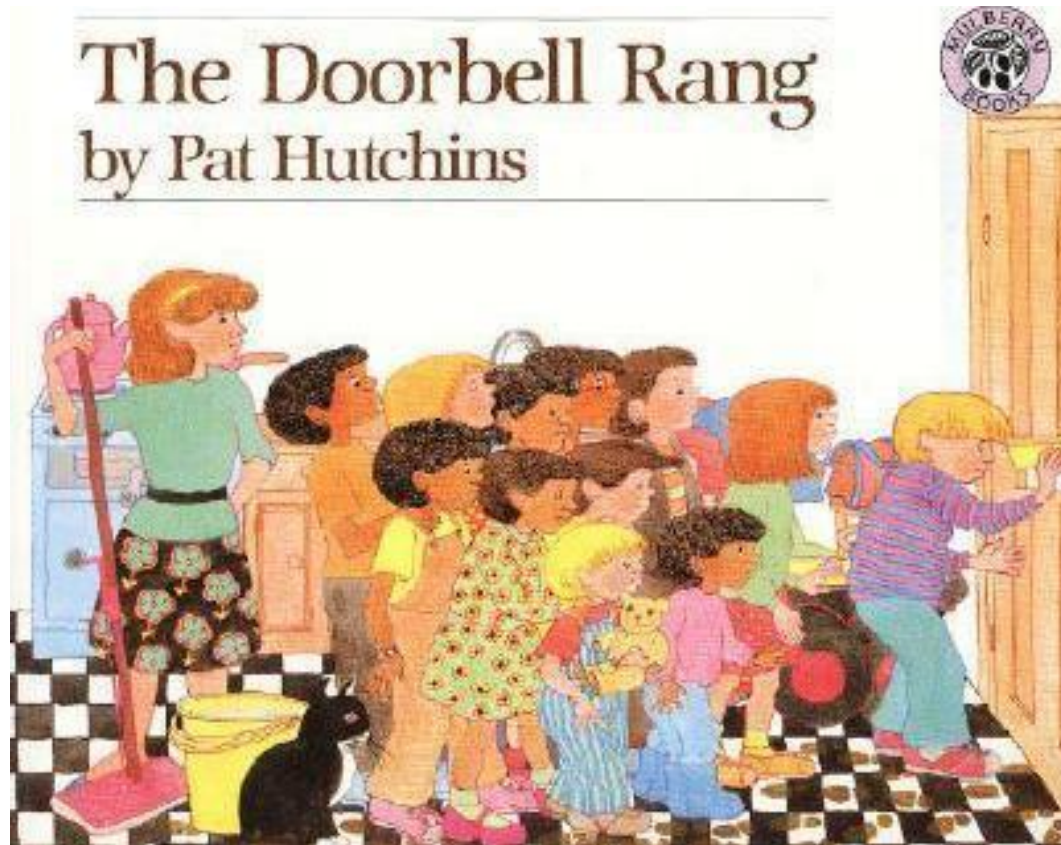
$n$  stands for any number on the  $n$ umber chart

**Will it still work?**

$n$  stands for any number on the  
*number chart*



# The Doorbell Rang





Soft drink  
cans

# Why context rich?



Respond at **PollEv.com/ellencorovic243**  
Text **ELLENCOROVIC243** to **37607** once to join, then text your message

## Why use context rich tasks?

No responses received yet. They will appear here...