The Infected Checkerboard

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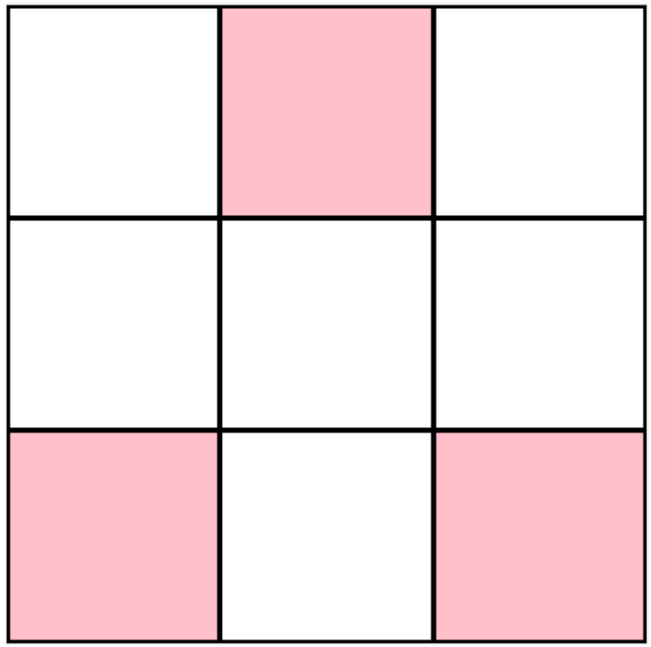
Problem statement

- An infection spreads among the squares of an n $\times$ n board.
- If a square has two or more infected neighbors, it becomes infected itself.
- How many squares are needed to infect the entire board?



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