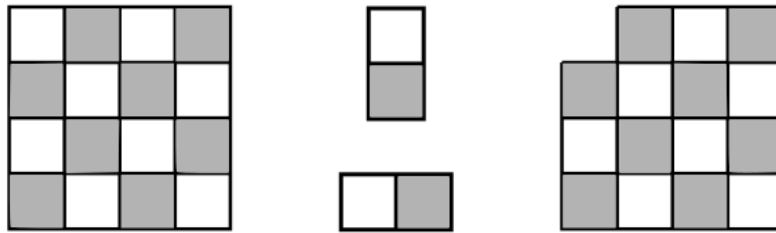


# Puzzle of the Week

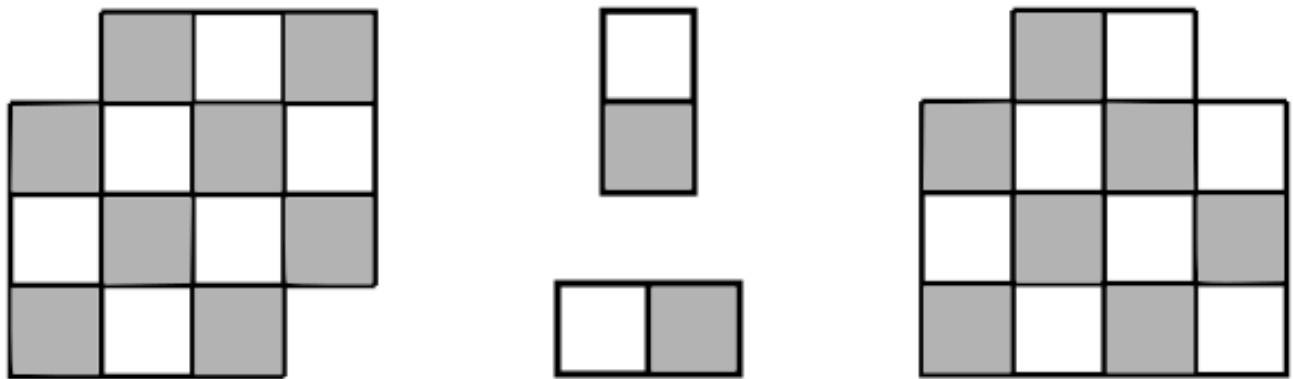
## *Dominoes on Checkerboards*

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The first of these two checkerboards is easy to cover with dominoes. The second one, which has one square missing, is impossible to cover with dominoes.



**THE CHALLENGE:** Describe why one of these checkerboards is easy to cover with dominoes and the other one is impossible.



**EXPLORATION:** Explore which pairs of small squares you can remove from the original board and still be able to exactly cover the remaining board with dominoes.