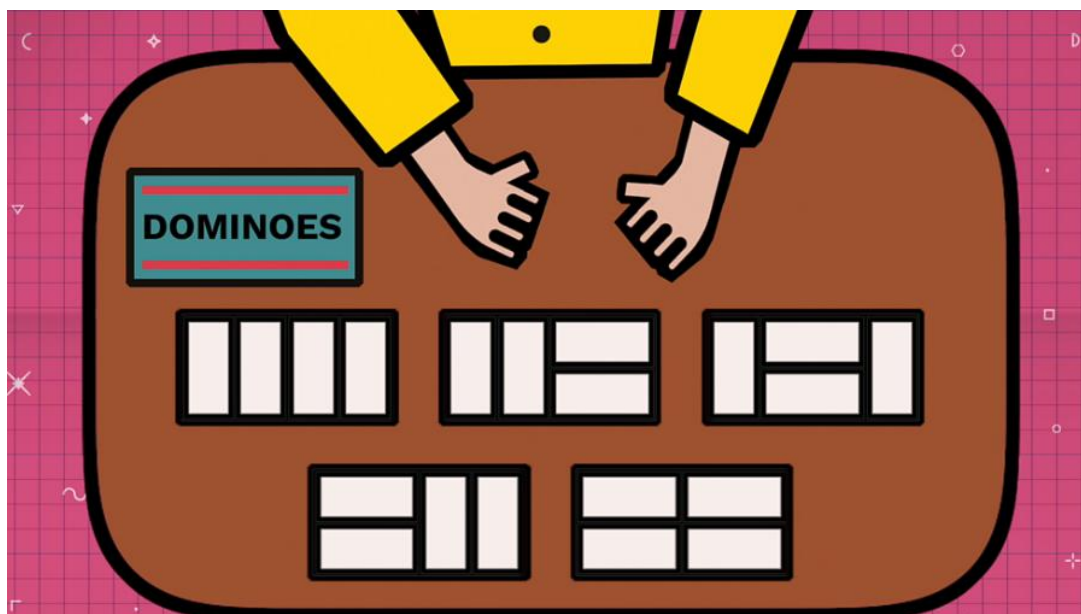


## Maths Week 2025

### Day Four Puzzle

A domino is a  $2 \times 1$  rectangle. Cruz places **four dominoes** in a  **$4 \times 2$  box**, then does it again in a different way, and then in a different way again. After a little while he realises that there are **five ways** it can be done.

Here are the five ways Cruz found:



Cruz wonders what would happen if he had **six dominoes** and fitted them into a  **$6 \times 2$  box**.

Cruz asks you to find the number of different possibilities and to draw each one. Give your answer on the back of this sheet!

