

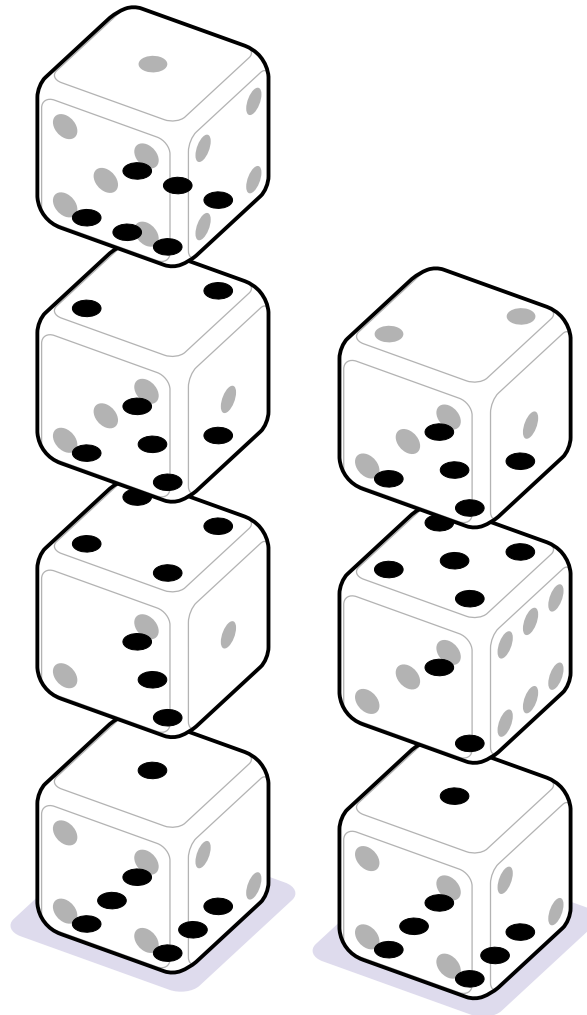
Back view

Suppose seven dice are stacked as shown, and you can see all the exposed faces, including the Back view shown in the upper right corner. Find the sum of the pips on the hidden faces of the dice.

# Stacking the Dice Puzzle <sup>[solution]</sup>

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The pips on opposite sides of a die always total 7. There are 7 dice. That means  $7 \times 7 = 49$  pips minus the 3 on the top dice = 46 hidden pips.

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