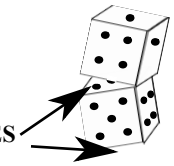
MathFLIX CHALLENGE

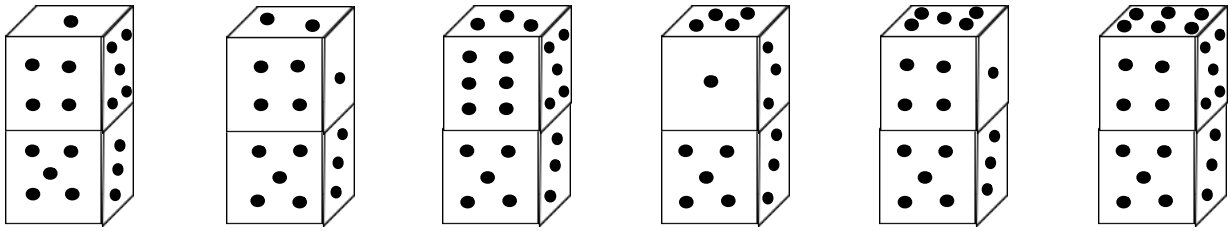
Magic Tricks with Dice

You will amaze your friends and family with this trick using real dice once you master the math concept which is demonstrated below. The goal of the trick is to **REVEAL THE SUM OF THE HIDDEN FACES** on a stack of dice.



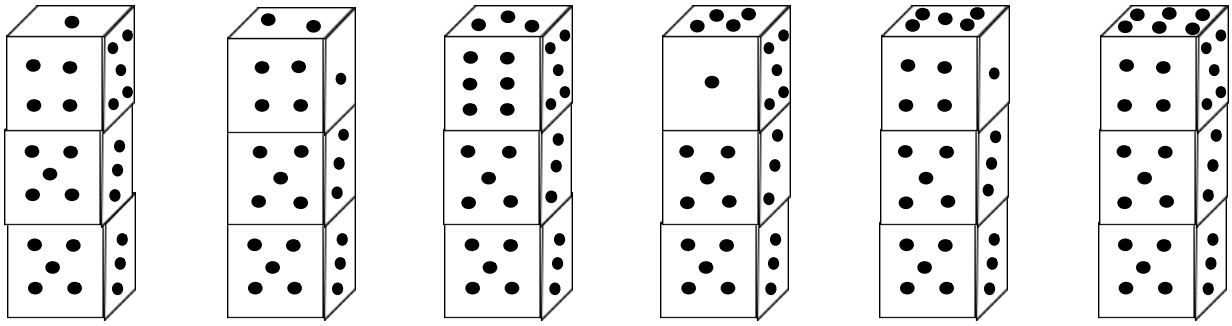
List the multiples of 7 because they provide an important clue. 7 ___ 21 ___ ___ 42 ___

3 hidden faces



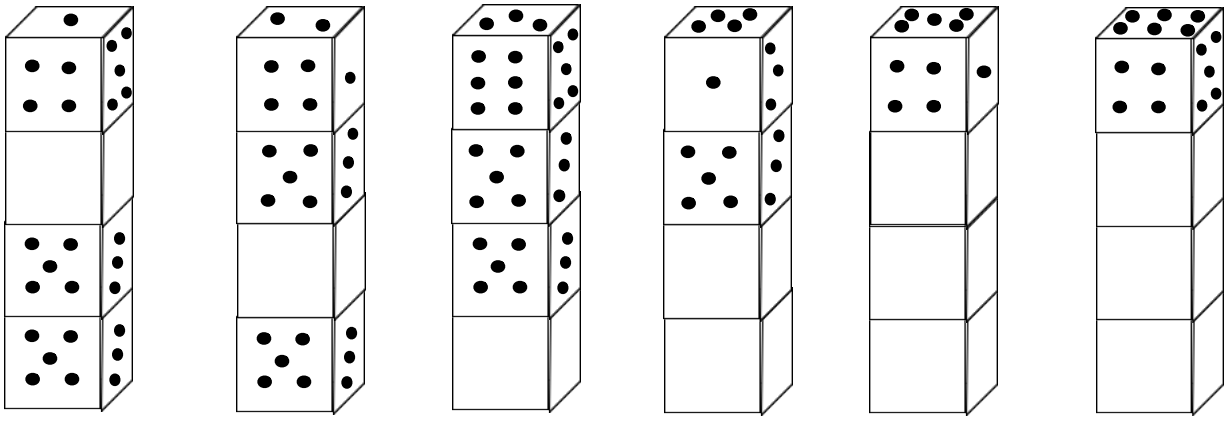
SUM = _____ _____ _____ _____ _____ _____

5 hidden faces



SUM = _____ _____ _____ _____ _____ _____

7 hidden faces



SUM = _____ _____ _____ _____ _____ _____