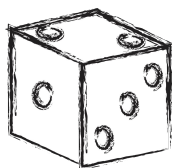
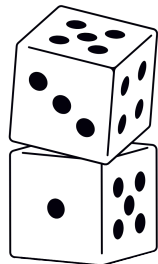
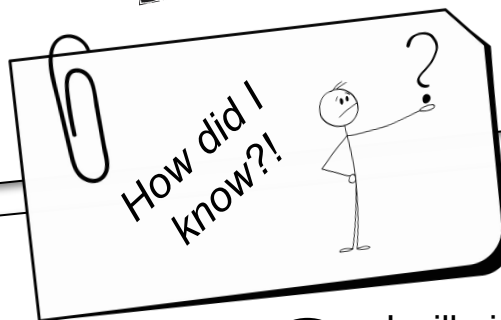


# Magic Dice

- 1 Look at your die and tell me the top number.



- 2 I'll tell you the number on the bottom!



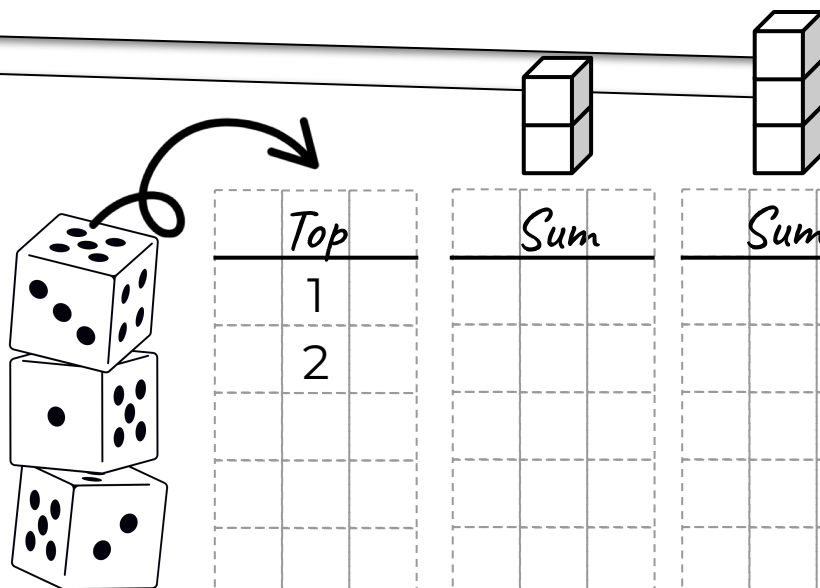
- 1 Stack **two dice** in a column.

- 2 Tell me the number at the top.

- 3 I will give you the **sum** of the numbers on the faces where the cubes touch and on the bottom face.



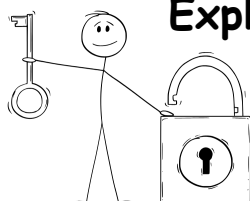
Check it out!



Top	Sum	Sum
1		
2		

What if there are **three dice**?

This trick will work with **more dice**!

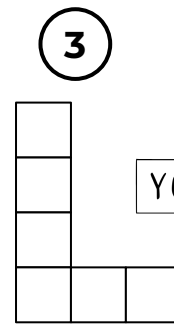
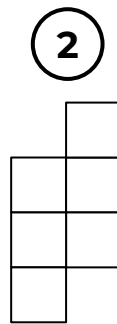
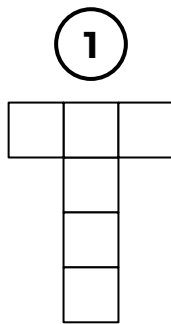


**Explanation:** The sum of the points on the opposite faces of each cube is 7. If there are 2 cubes, then there are 14 in total, and if there are 3 cubes, then there are 21. All that remains is to subtract the number from the top face!

place of bending

# Magic Dice

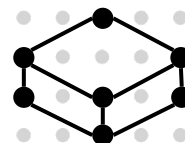
Choose the nets from which it is possible to make a cube.



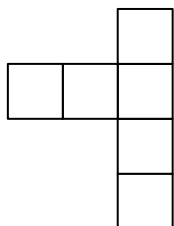
YOU CAN DO IT



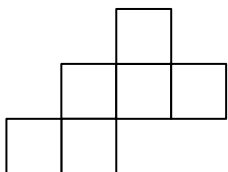
**Interesting!**  
Can you find  
all possible  
nets?



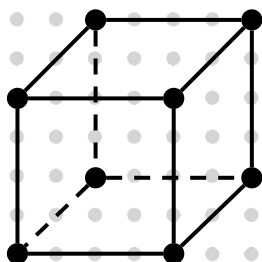
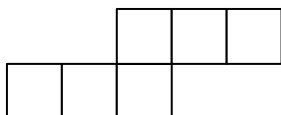
④



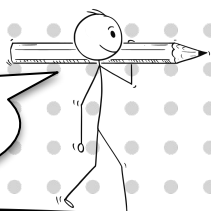
⑤



⑥



Draw with me!



In what position  
will the dice stop?

