

# Magic Crosses

with 1, 2, 3, 4 and 5

First, I came up with 1 magic cross.

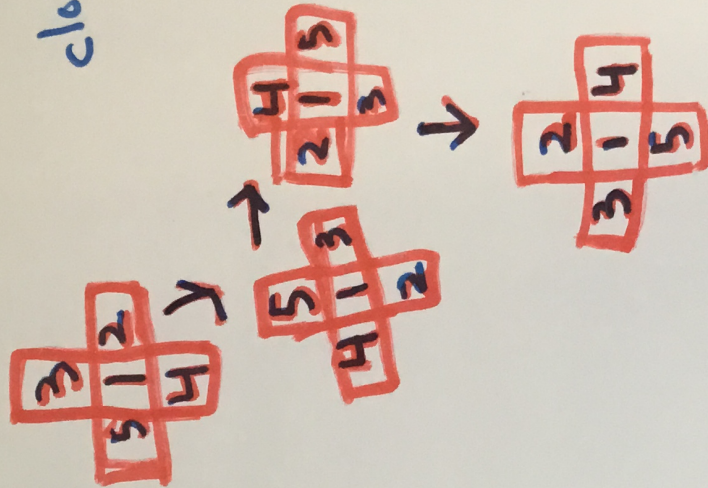
Then, I turned the magic cross clockwise which gave me 3 more crosses.

Next, I swapped the top and the bottom numbers for all the crosses I made.

Finally, I used this strategy by changing the number in the middle to one of the other ones I was using. Also, 2 didn't work when it was in the middle of the cross.

I also took the duplicates away, because there was already one like that.

clockwise =  $\begin{matrix} \curvearrowright \\ \curvearrowright \\ \curvearrowright \end{matrix}$



answer = 21 ways of magic crosses