

## Tik-Tak-Tok Solution

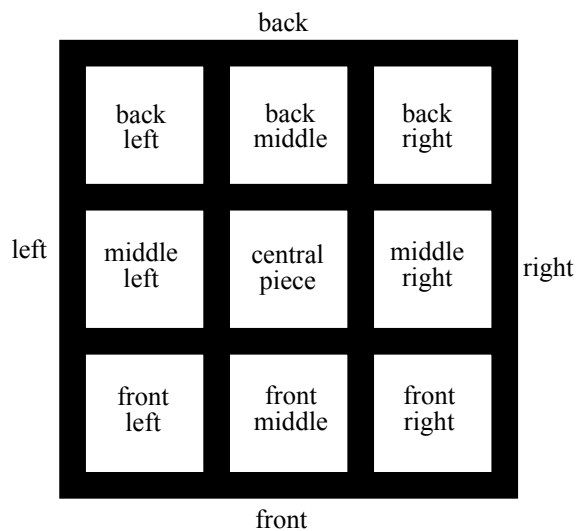
## Homemade Puzzles

This rather nice looking puzzle box with nine squares on the lid faintly resembles a "tic-tac-toe" board, or as we call it a "Noughts-and-Crosses" board. But this is no "tic-tac-toe" game: it's another "sliding panel" puzzle box. The sliding panels in this case are the nine squares on the lid, and they all have to be moved around to take the lid off. **Twenty moves** are required to open the lid. The only moving parts are in the lid, and they are very precise pieces. The rest of it is just an ordinary box.

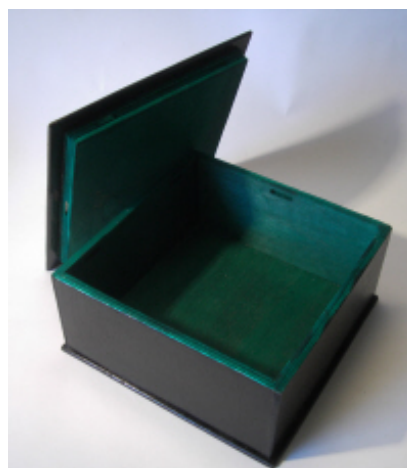


Two corner pieces can move, but ignore these: they re-lock that end of the lid.

The correct piece to move at first is the central piece, and it only moves one way. Find which way this piece moves, and hold the box so that this movement is to your right. Now you're looking at the front of the box. Follow these steps (step 1 is already done):



1. central piece towards the right:
2. front left towards the left:
3. middle left towards the front:
4. back left towards the left:
5. central piece towards the left:
6. front right towards the right:
7. middle right towards the front:
8. back right towards the right:
9. back middle towards the centre:
10. back right towards the back middle:
11. middle right towards the back right:
12. central piece towards the right:
13. back left towards the back middle:
14. middle left towards the back:
15. central piece to the centre:
16. central piece towards the back:
17. front middle towards the centre:
18. front left towards the front middle:
19. front right towards the front middle:
20. remove the lid.



Enjoy this puzzle!

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E-mail: [bruce@homemadepuzzles.co.uk](mailto:bruce@homemadepuzzles.co.uk)