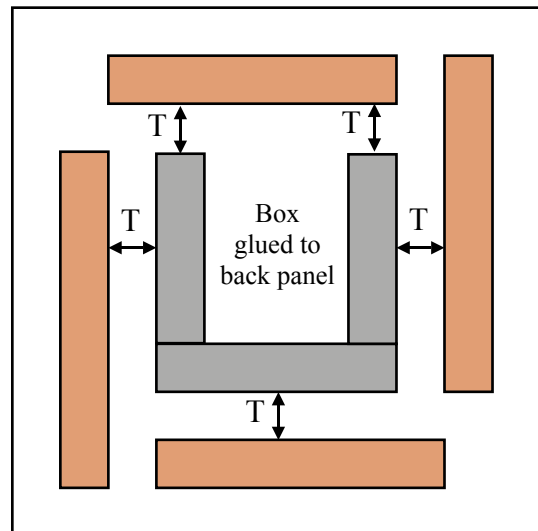
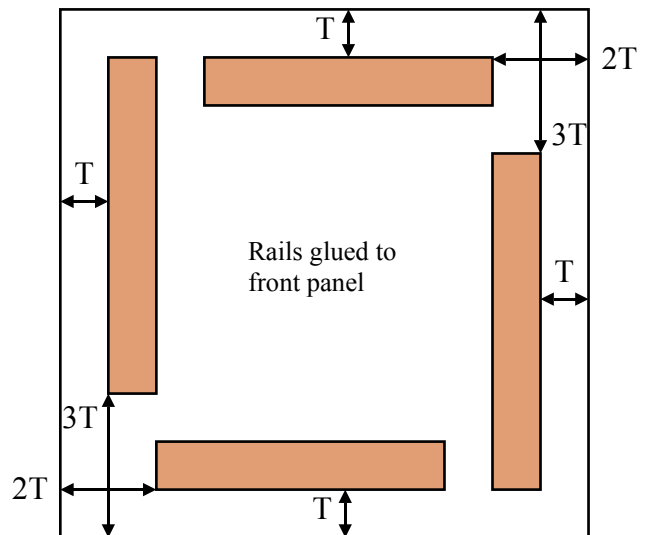
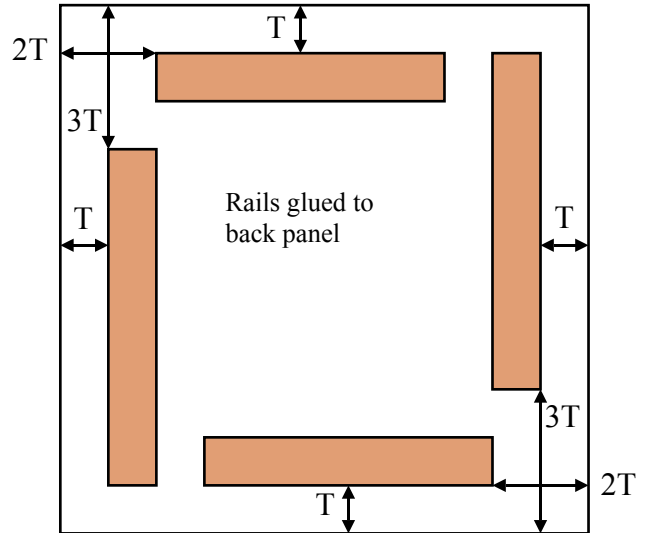
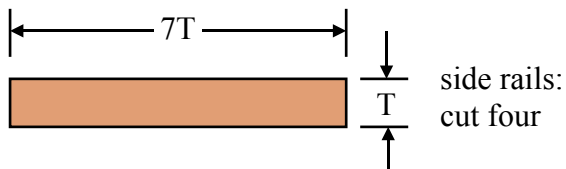
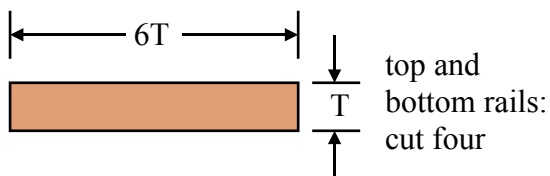
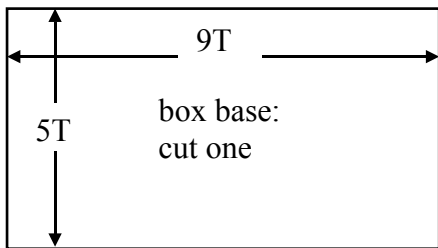
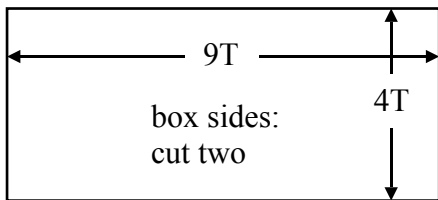
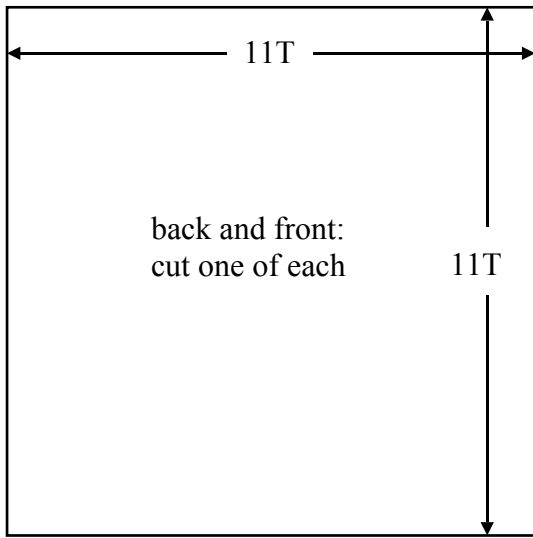


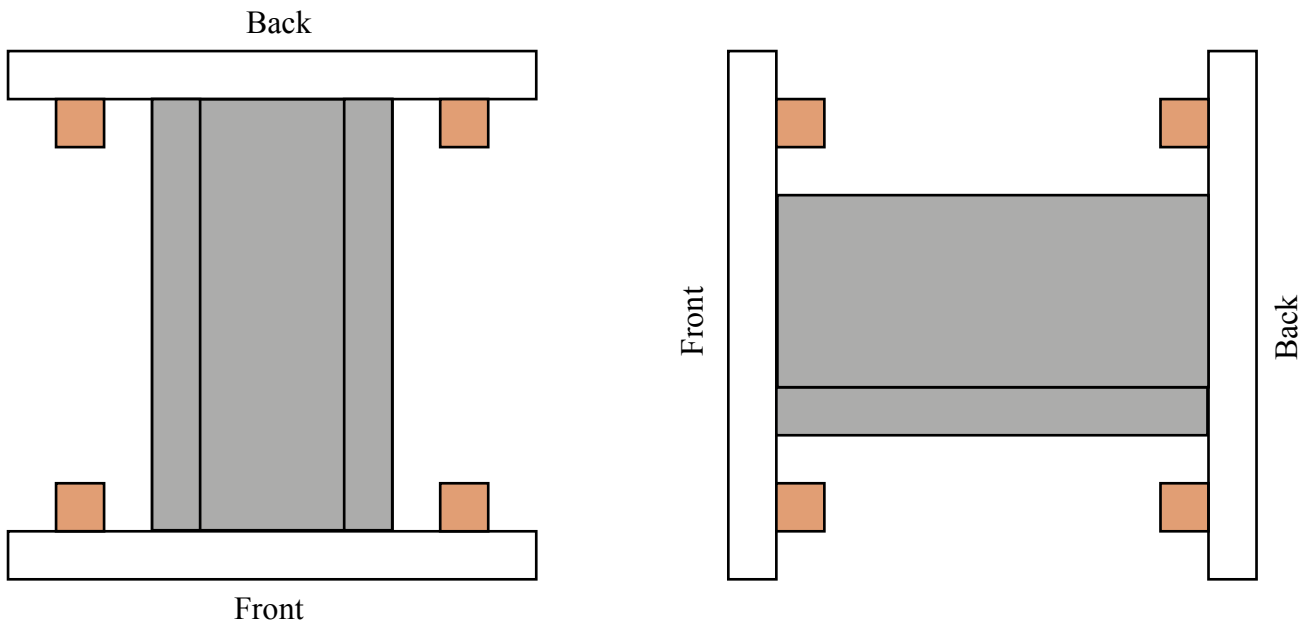
Modified Matchbox Plans

**Homemade Puzzles**

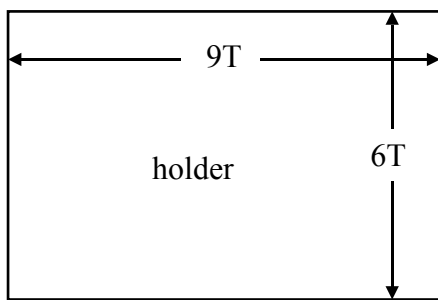
These plans, supplied by Peter Wiltshire, are to build The Matchbox puzzlebox as a cube, measuring 2-3/4" each way, if you use wood that is 1/4" thick. You can make this cube just about any size, by using wood of a different thickness. All the dimensions are shown as multiples of "T", which represents the thickness of the wood you are using.



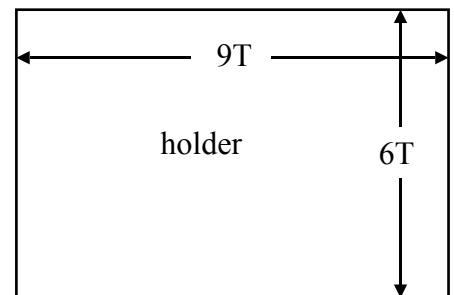
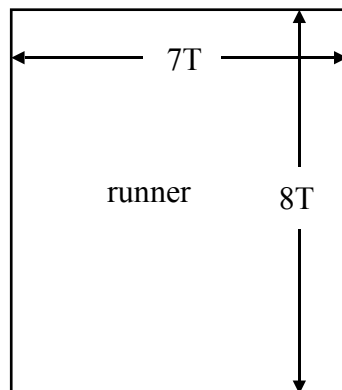
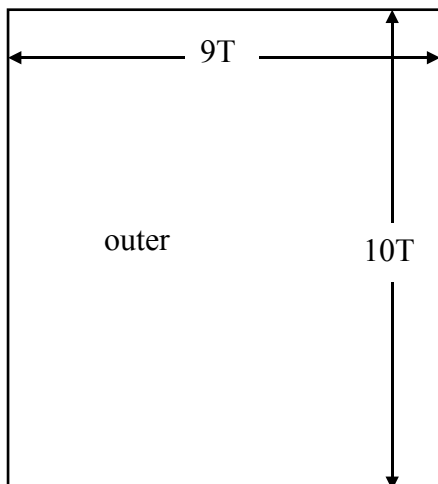
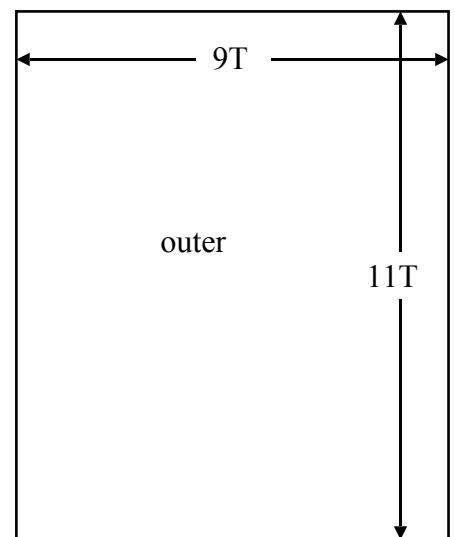
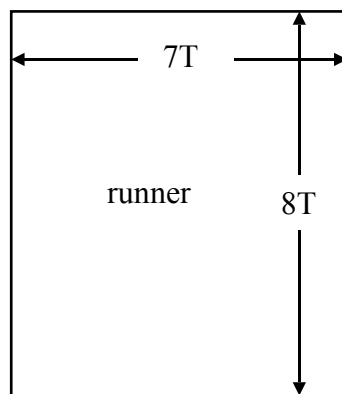
Glue the front panel to front edges of the box



Cut out the panel pieces

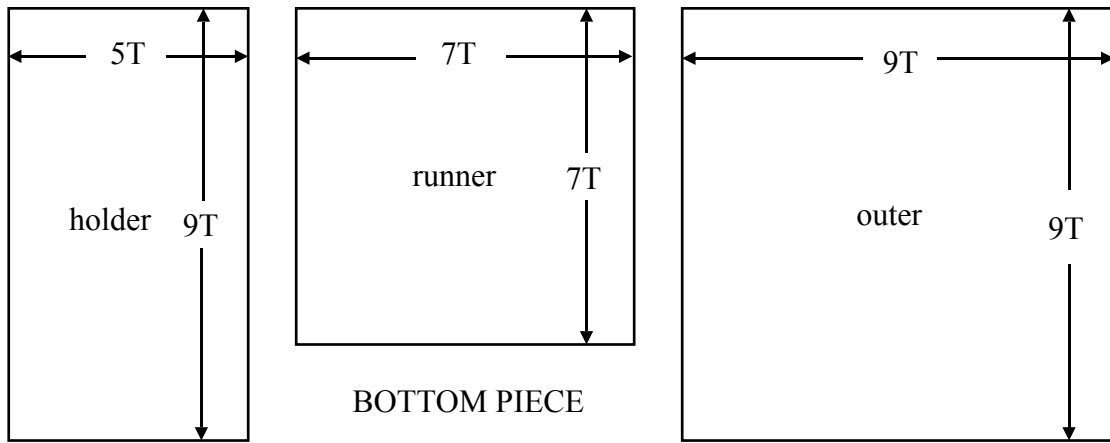
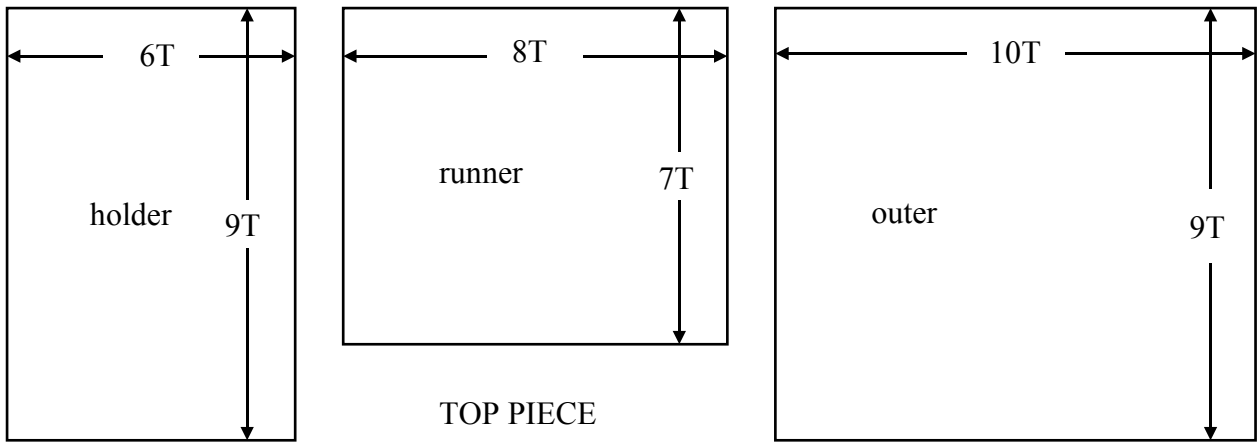


LEFT PIECE



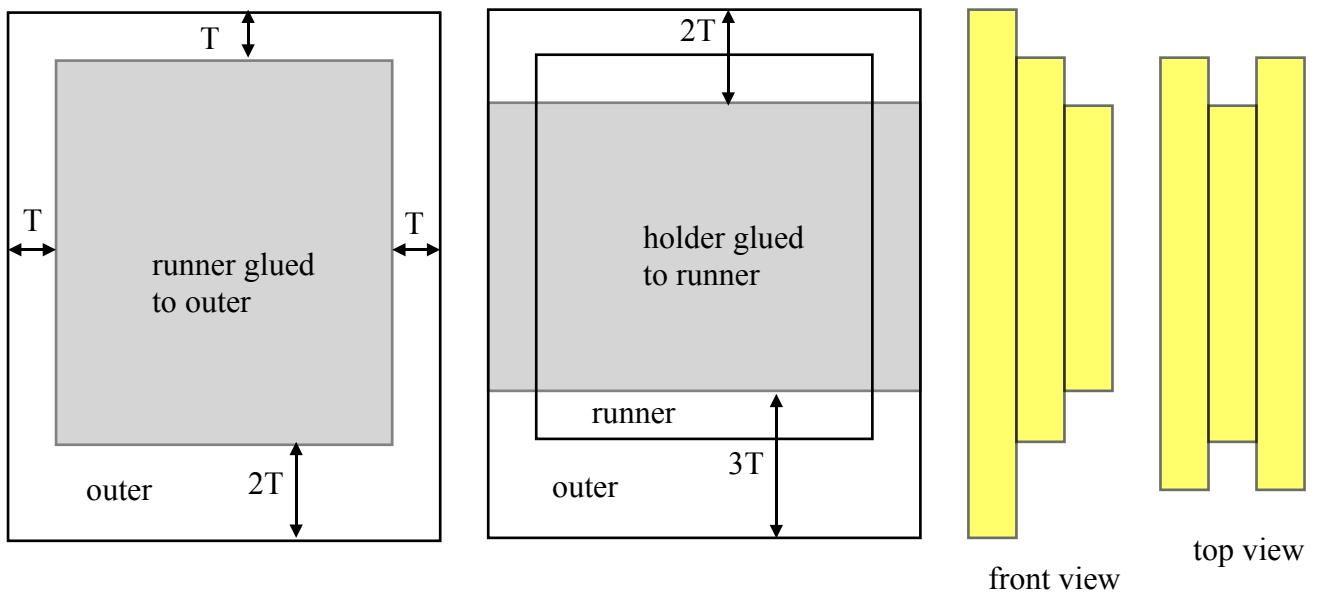
RIGHT PIECE

Cut out the panel pieces

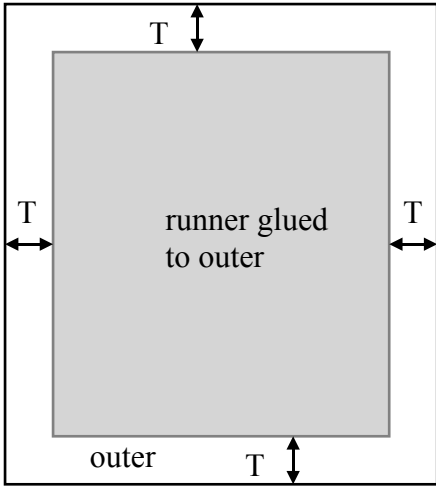


Glue the pieces together

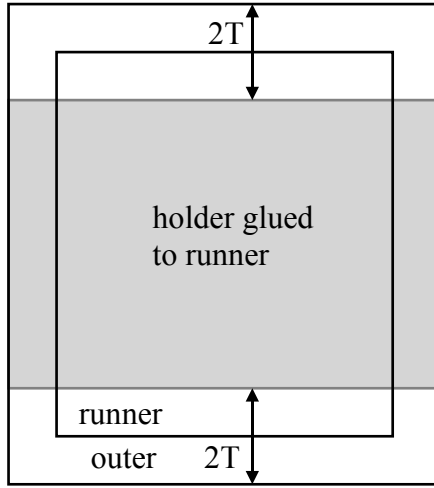
LEFT PIECE



RIGHT PIECE



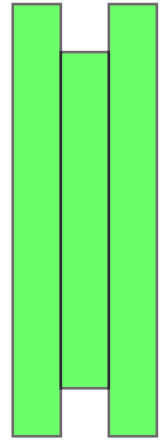
Glue the pieces together



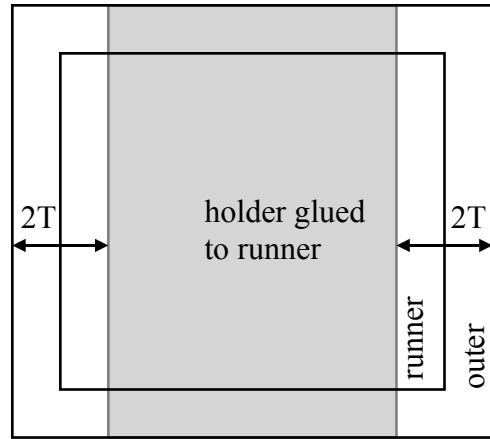
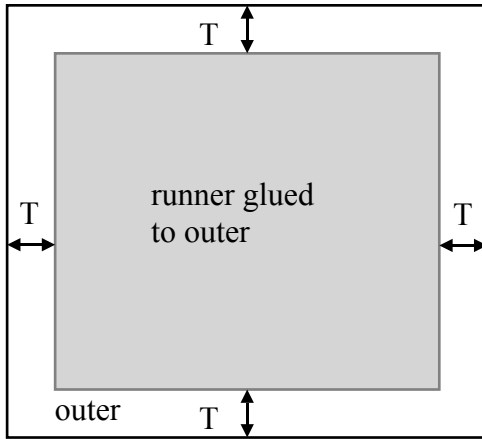
front view



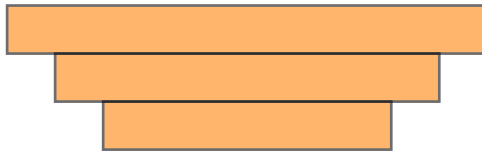
top view



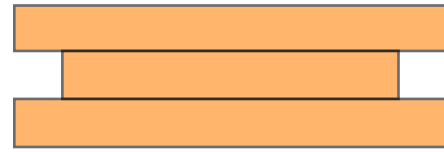
TOP PIECE



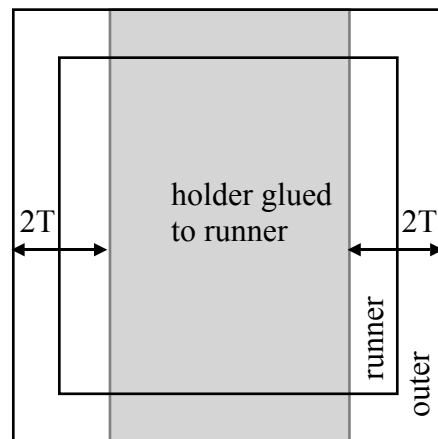
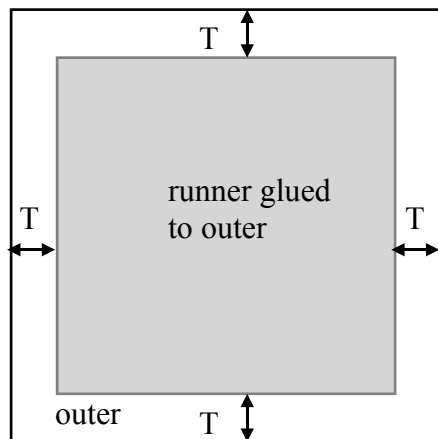
front view



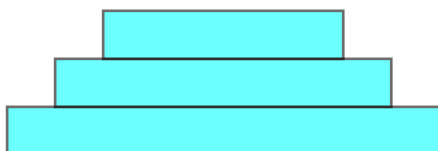
end view



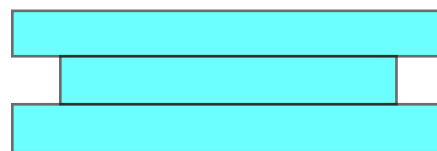
BOTTOM PIECE



front view

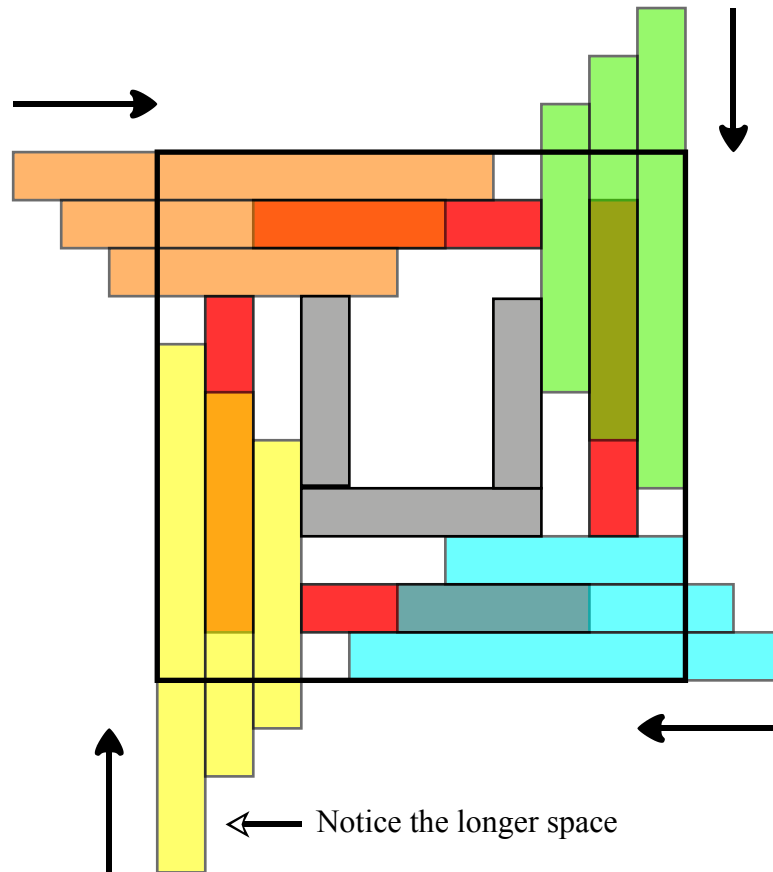


end view

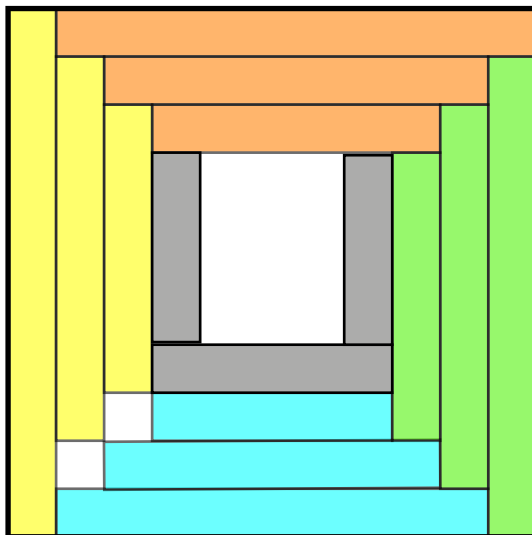


Insert the panels into the box, starting with the left panel.  
The longer space between the outer and runner panels should be at the bottom.  
Do not push them all the way in.  
The runner of each piece slides between the rails.

When all the panels are in, close the box up, moving each panel in turn.  
The last panel to close will be the left panel.



The completed box.



Pictures of plans supplied by Peter Wiltshire.  
Redrawn as vector diagrams, and text added by Bruce Viney.

**Enjoy your puzzle!**

**Get more plans and solutions at [Homemade Puzzles](http://www.homemadepuzzles.co.uk).**

Web address: [www.homemadepuzzles.co.uk](http://www.homemadepuzzles.co.uk)

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