

12 Piece Barrel Puzzle

Manual



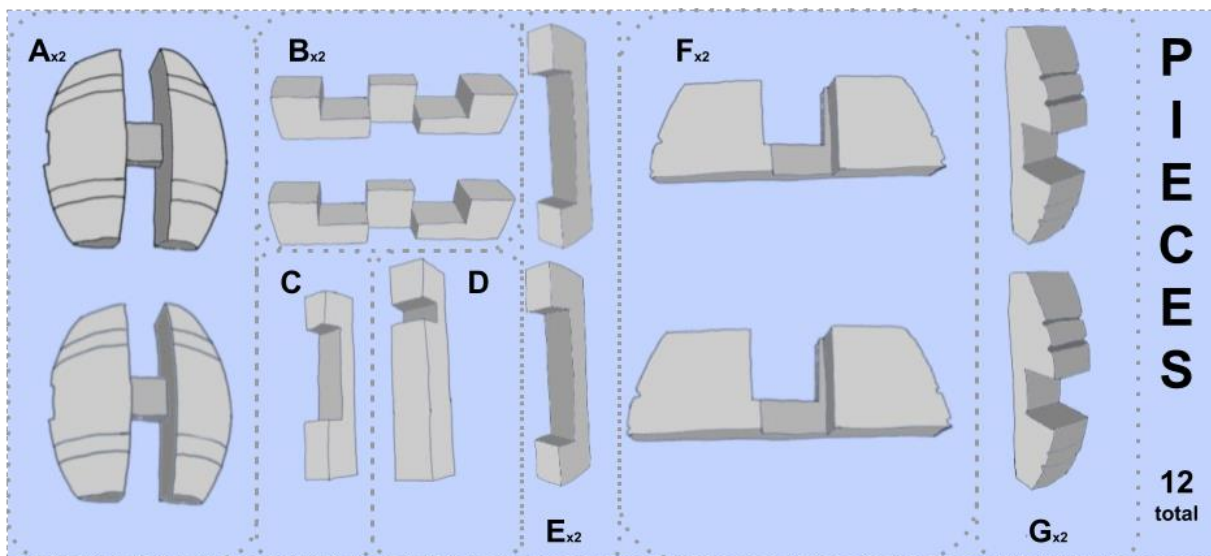
Umar Asif

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Pieces

Before beginning, make sure there are 12 pieces as shown below



Assembly

Step 1.

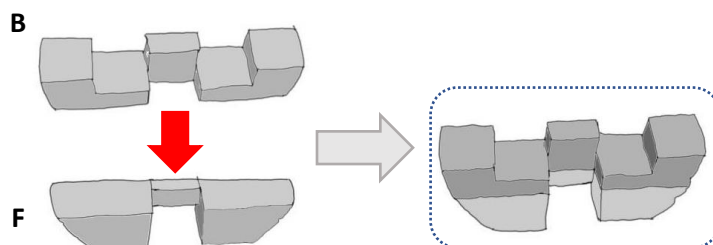
Place part F with the short flat side on the ground and the central bar between the bars is at the back.

Place part B on part F such that the central bar lines up and the 'hooks' are facing upwards.

This part will be referred to as the base

Items needed: B x1

F x1

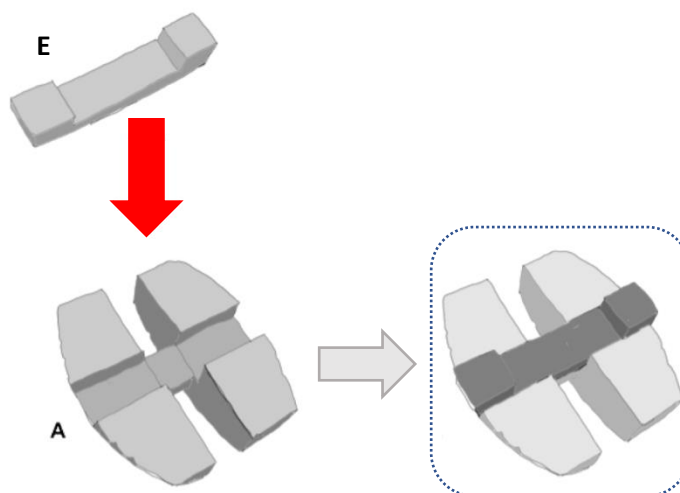


Step 2.

On the side place the long flat side of piece E into the groove on the flat side of A.

Items needed: E x1

A x1



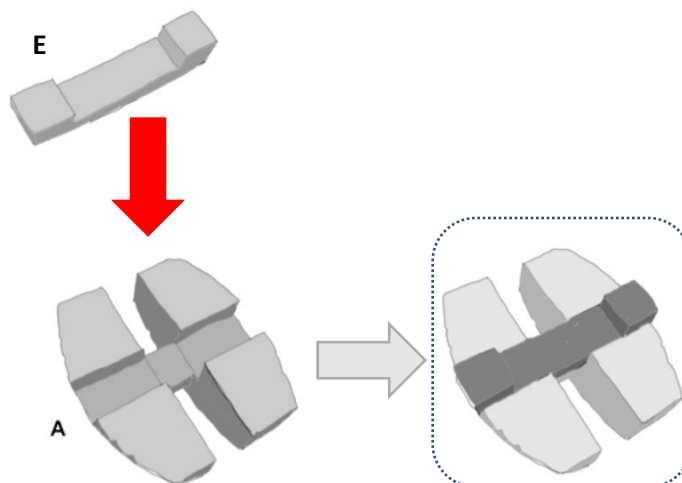
Step 3.

This step is identical to step 2.

Take another part E and A on the side. Place the long flat side of piece E into the groove on the flat side of A.

Items needed: E x1

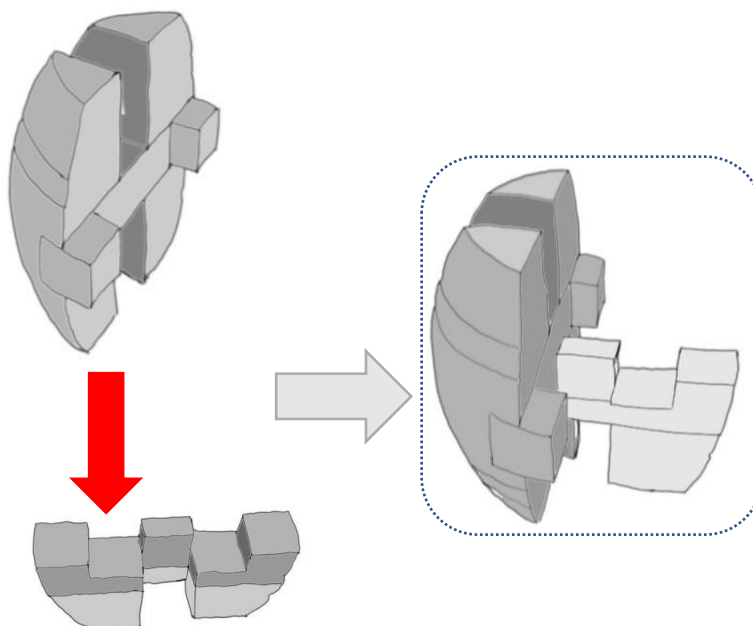
A x1



Step 4.

Place the portion created in step 2, on the left side of the base (created in step 1).

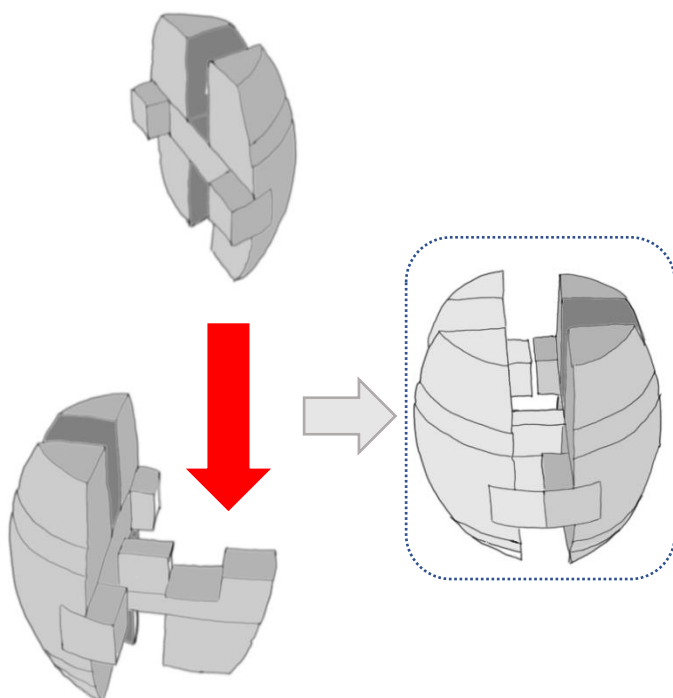
Orient the portion created in step 2 such that the round portion is facing the left and the 'hooks' are facing the right.



Step 5.

Place the portion created in step 3, on the right side of the base (created in step 1).

Orient the portion created in step 3 such that the round portion is facing the right and the 'hooks' are facing the left.

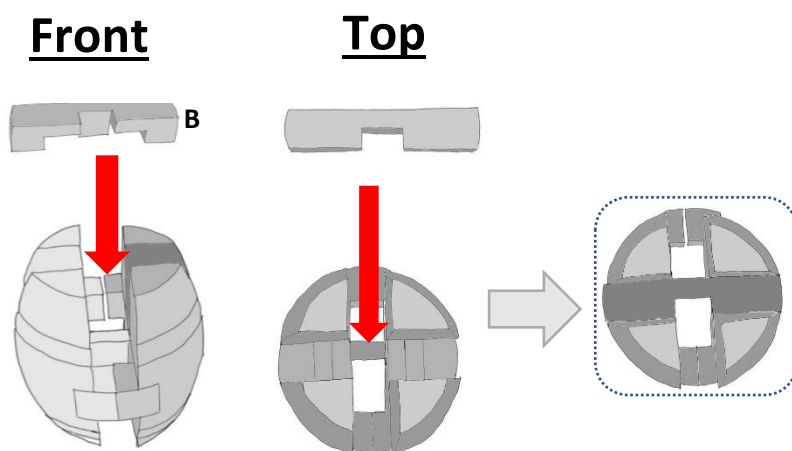


Step 6.

Place piece B into the gap between the two halves.

Orient piece B such that the 'hooks' are facing downwards and are on the left and right sides.

Also position piece B so that the groove in the middle bar is facing the front.



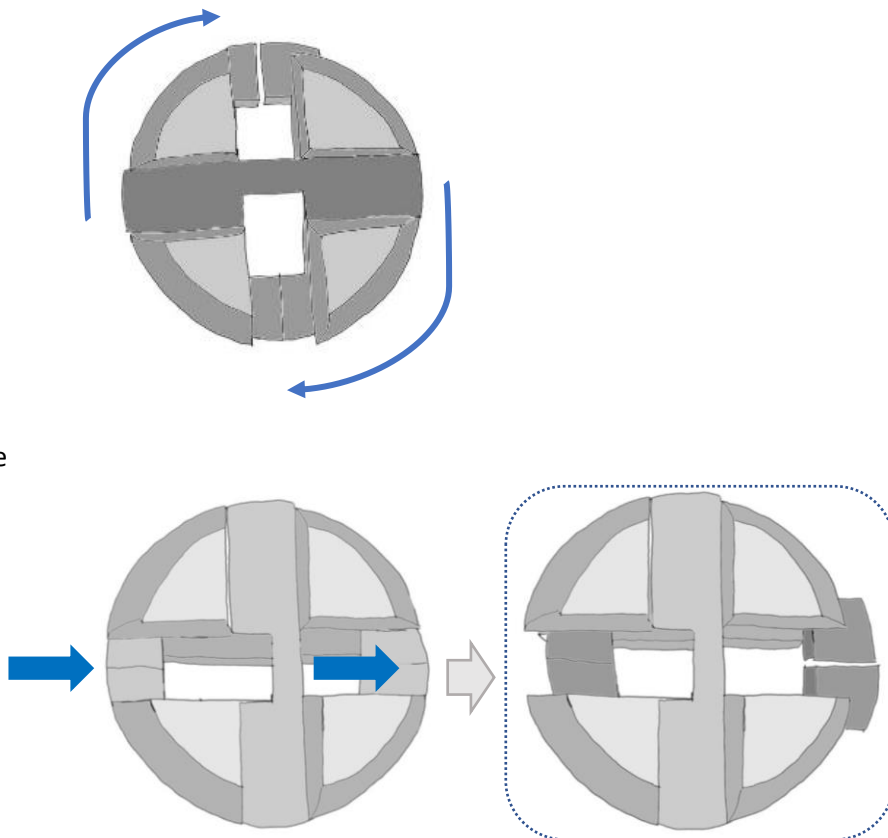
Items needed: B x1

Step 7.

First, rotate the barrel 90 degrees, clockwise.

Look at the puzzle exclusively from the top from now on.

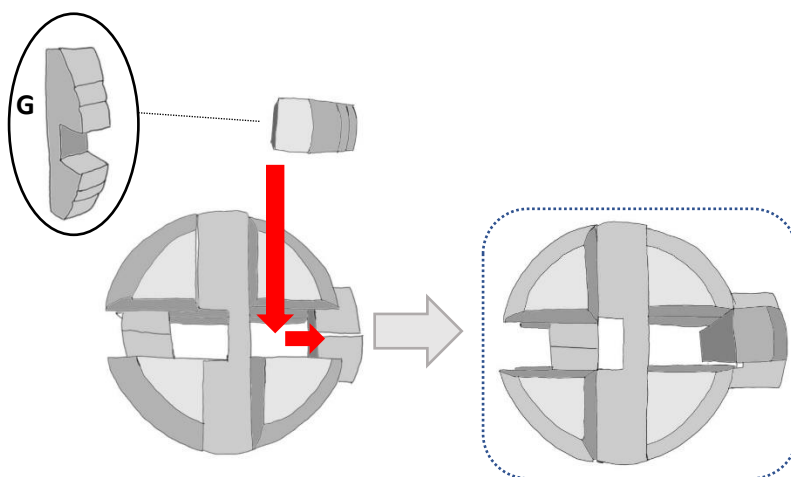
Slide the middle bar on the left to the right (as shown in the diagram).



Step 8.

Take a piece G and orient it such that the long side is perpendicular to the ground and the rounded side is facing right.

Place piece G into the gap to the right of the middle bar. After placing it down into the gap, slide the piece G to the right.



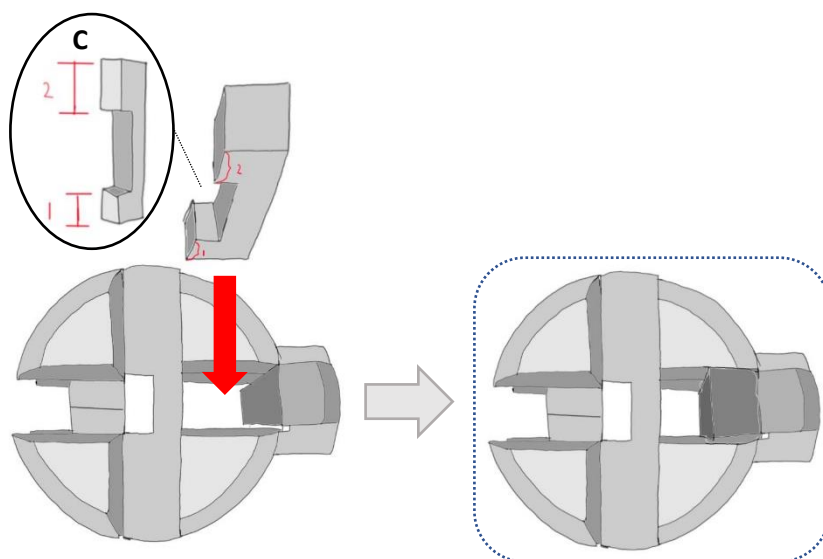
Items needed: G x1

Step 9.

Take a piece C and place it with the long side perpendicular to the ground. Orient the piece such that the 'hooks' are facing the left.

NOTE: Make sure the top 'hook' is larger than the bottom 'hook'

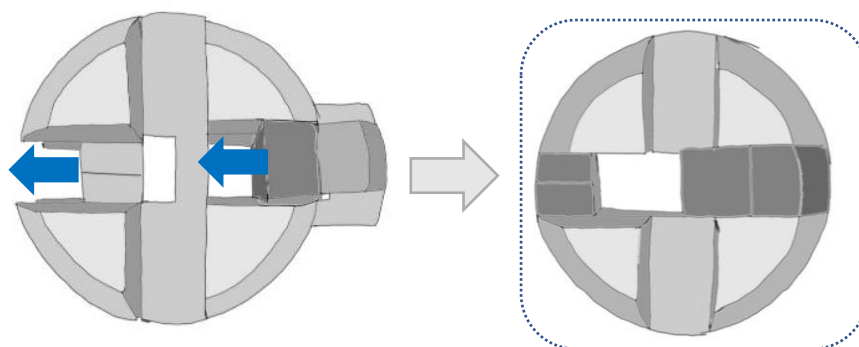
Place piece C down in the gap to the right of the middle bar.



Items needed: C x1

Step 10.

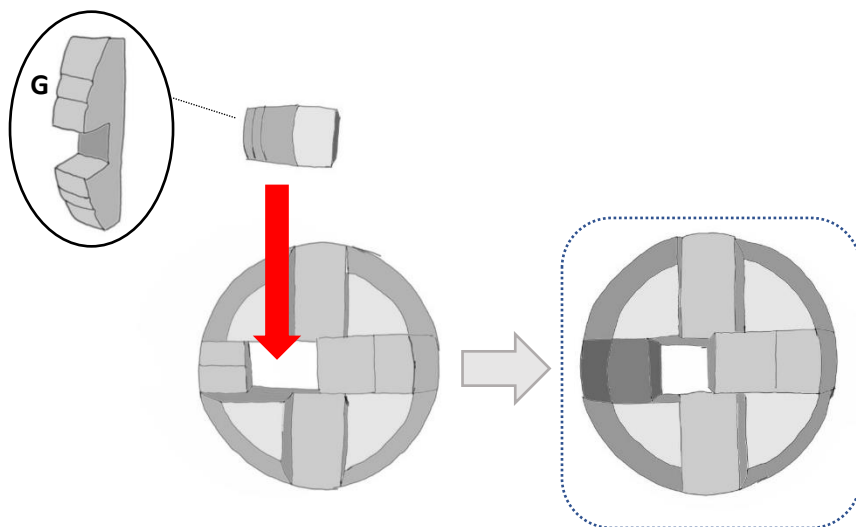
Slide the middle bar to the left.



Step 11.

Take a piece C and place it with the long side perpendicular to the ground. Orient the rounded section is facing left.

Place piece G into the gap to the left of the middle bar. After placing it down into the gap, slide the piece G to the left as far as possible.



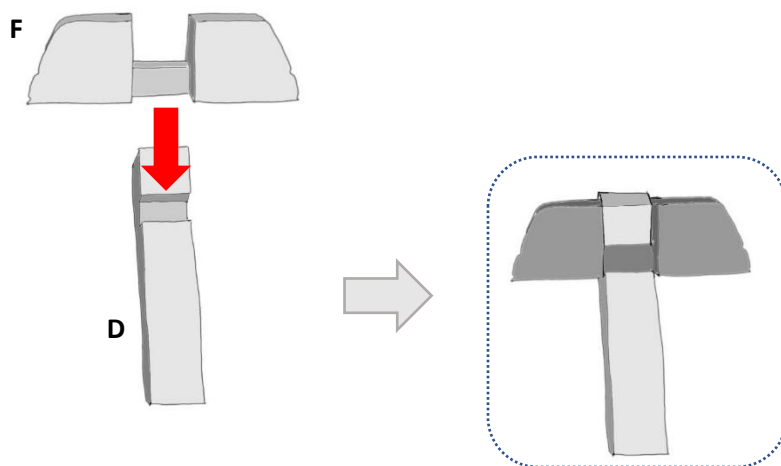
Items needed: G x1

Step 12.

On the side place piece F into the groove of piece D.

Orient piece D that the groove is on the top.

Orient piece F so that the middle bar between the halves is at the bottom and towards the ground.



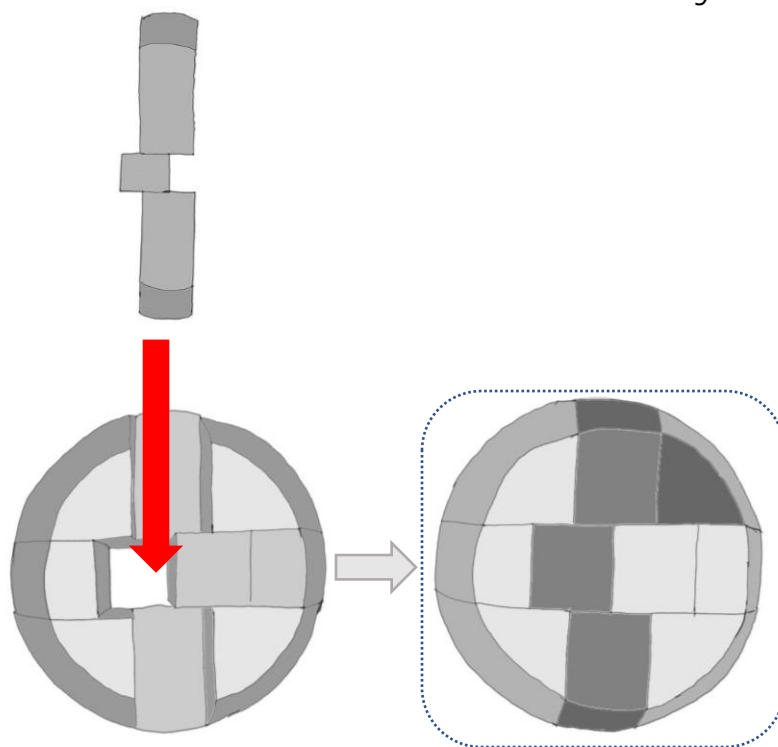
Items needed: F x1

D x1

Step 13.

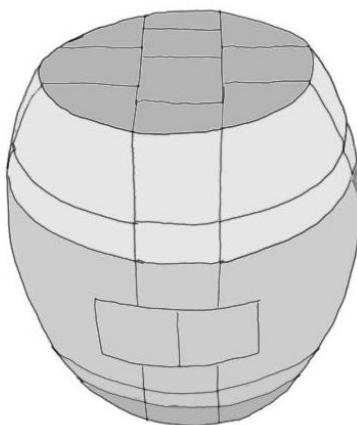
Orient the piece built in step 12, such that the bar is perpendicular to the ground. Make sure the piece is oriented from the top as shown in the diagram.

Place the piece into the gap in the top so that it fits in snugly.



~~~~~CONGRATULATIONS~~~~~

-----YOU HAVE COMPLETED THE PUZZLE-----

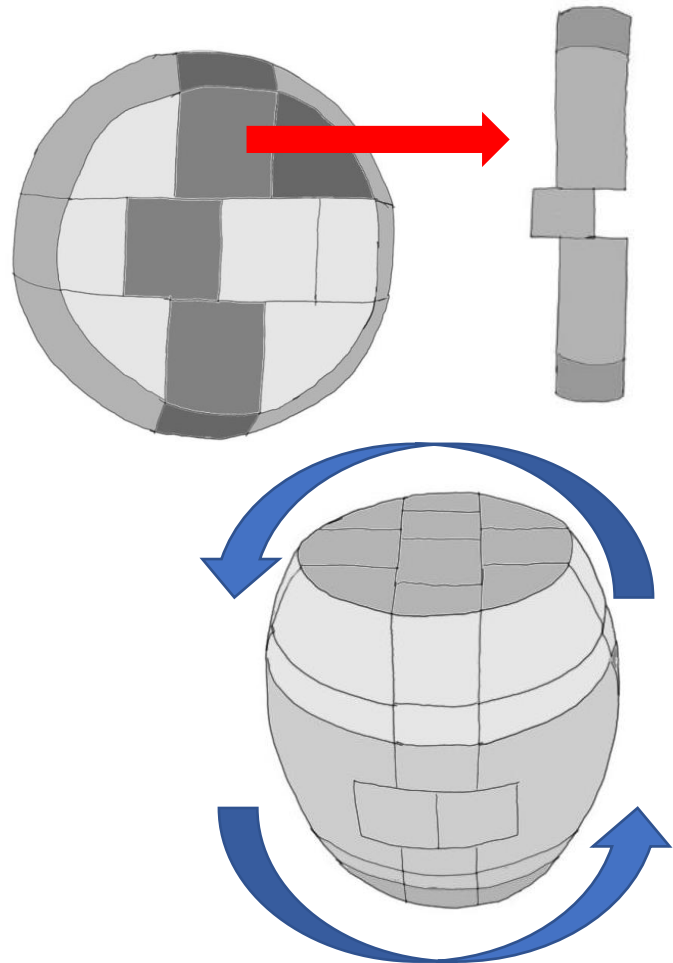


# Disassembly

## Step 1.

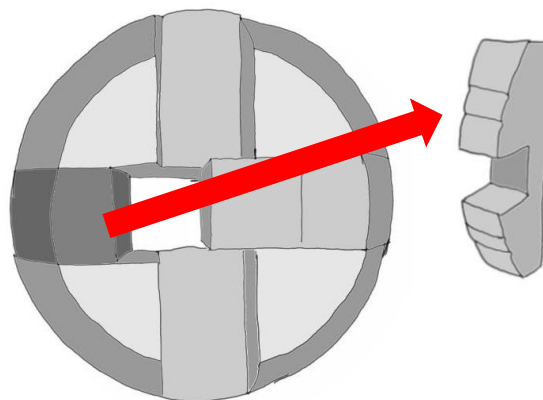
Pull the part highlighted in the diagram. If this part does not slide out easily, rotate the barrel 180 degrees and pull on the piece.

Orient the top of the barrel as shown in the diagram



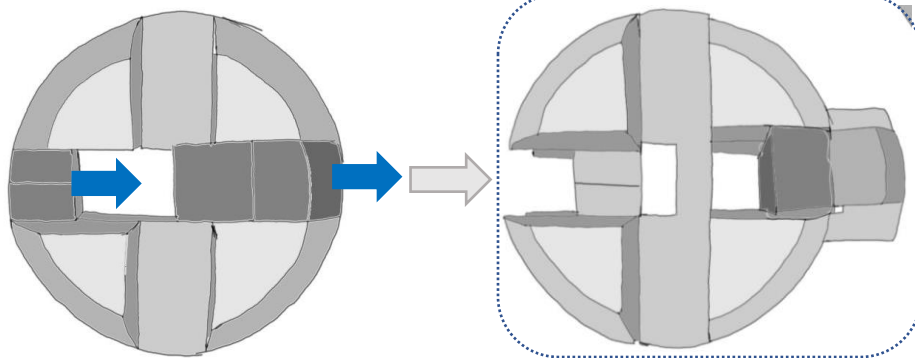
## Step 2.

Pull the piece on the middle left to the right, pulling the piece out of the barrel.



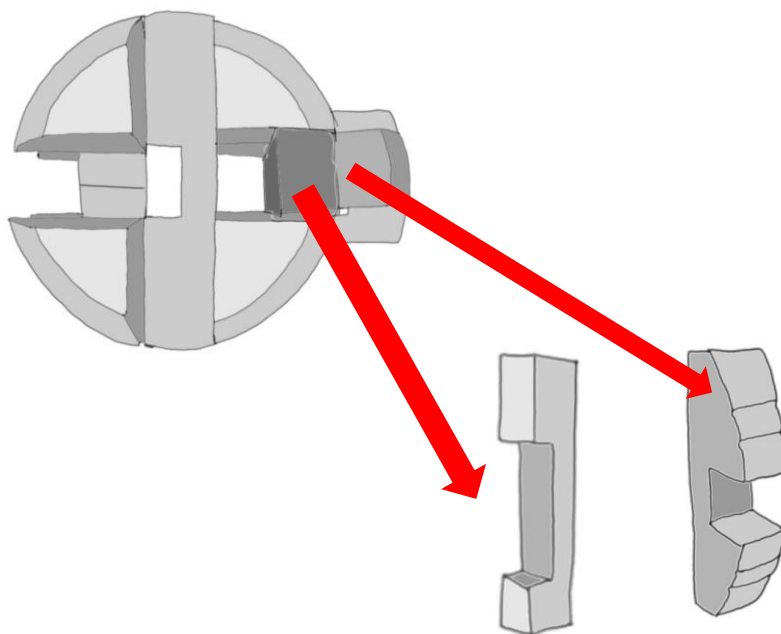
### Step 3.

Slide the mid piece of puzzle to the right



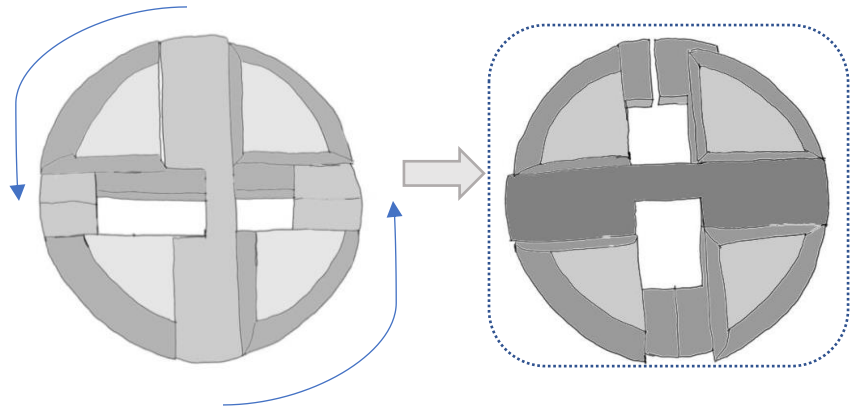
### Step 4.

Pull the 2 right most middle pieces to the left and out of the barrel.



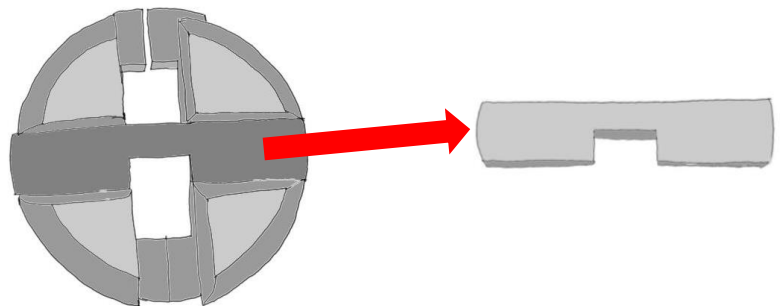
## Step 5.

Rotate the barrel 90 degrees counter clockwise



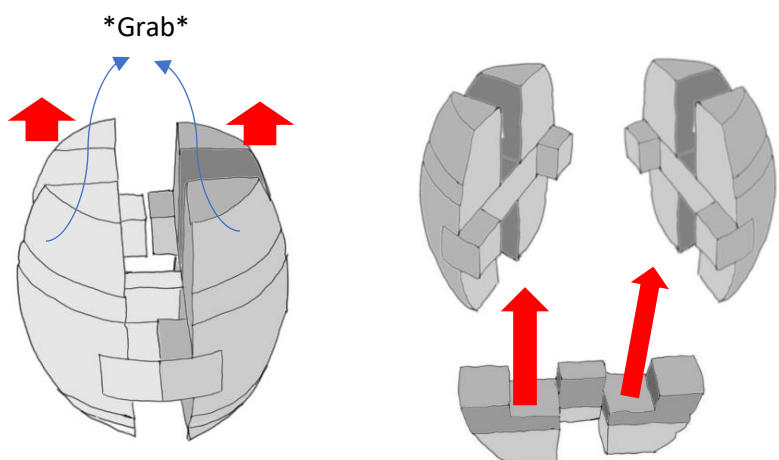
## Step 6.

Grab the middle bar piece and slide it up the gap



## Step 7.

Now looking from the front, grab the hemispherical pieces from both sides. Slide the pieces up off the base.



## Step 8.

Shake the remaining parts to detach  
the pieces placed together.

~~~~~CONGRATULATIONS~~~~~

-----YOU HAVE SUCCESSFULLY DISASSEMBLED THE PUZZLE-----