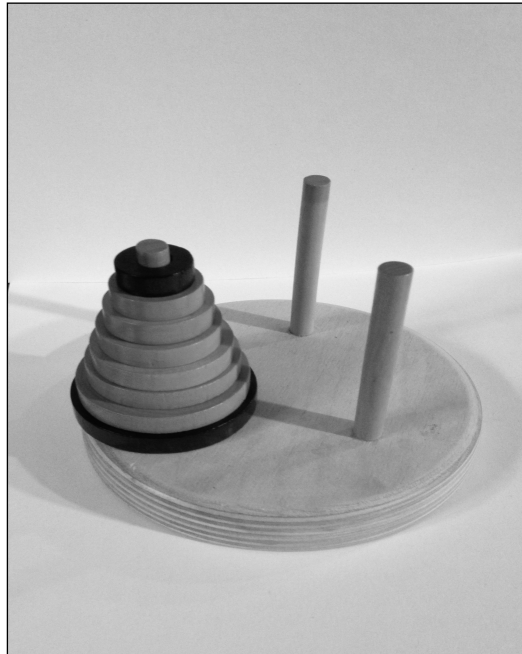


# Tower of Hanoi

The materials list for this puzzle will be described in the instructions and will vary with the amount of wood you want to dedicate to each puzzle and how many you plan on making.



When I make this puzzle, I usually plan on making at least 4 of them. The reason is that I turn all eight diameters of the discs separately. This is so I end up with 8 cylinders with 8 diameters from 2" to about 3/4". Before I take a cylinder off of the lathe, I drill a 5/16" hole. I make the hole deep enough to make between 4 and 6 cuts on my chop saw.

After you have completed turning, drilling and cutting the cylinders, you have enough discs to make 4-6 puzzles.

The next step is turning the base. A base around 6" in diameter works well. This puzzle is often made with a rectangular base. If a 6" round base is made, I take a compass and center a 3" circle in the base very lightly, then take the compass to the circumference of the 3" circle and draw arcs that intersect at the circumference. This divides the 3" circle into 3 and this is where you drill the dowel holes.

## Directions:

The way this puzzle is played goes like this,

You must move all the discs from one peg to another peg ending with them in the same ascending order. You can only move one disc at a time and you can never put a larger disc on a smaller one.

Sounds easy? Give it a try.