

THE TOWERS OF HANOI - 1

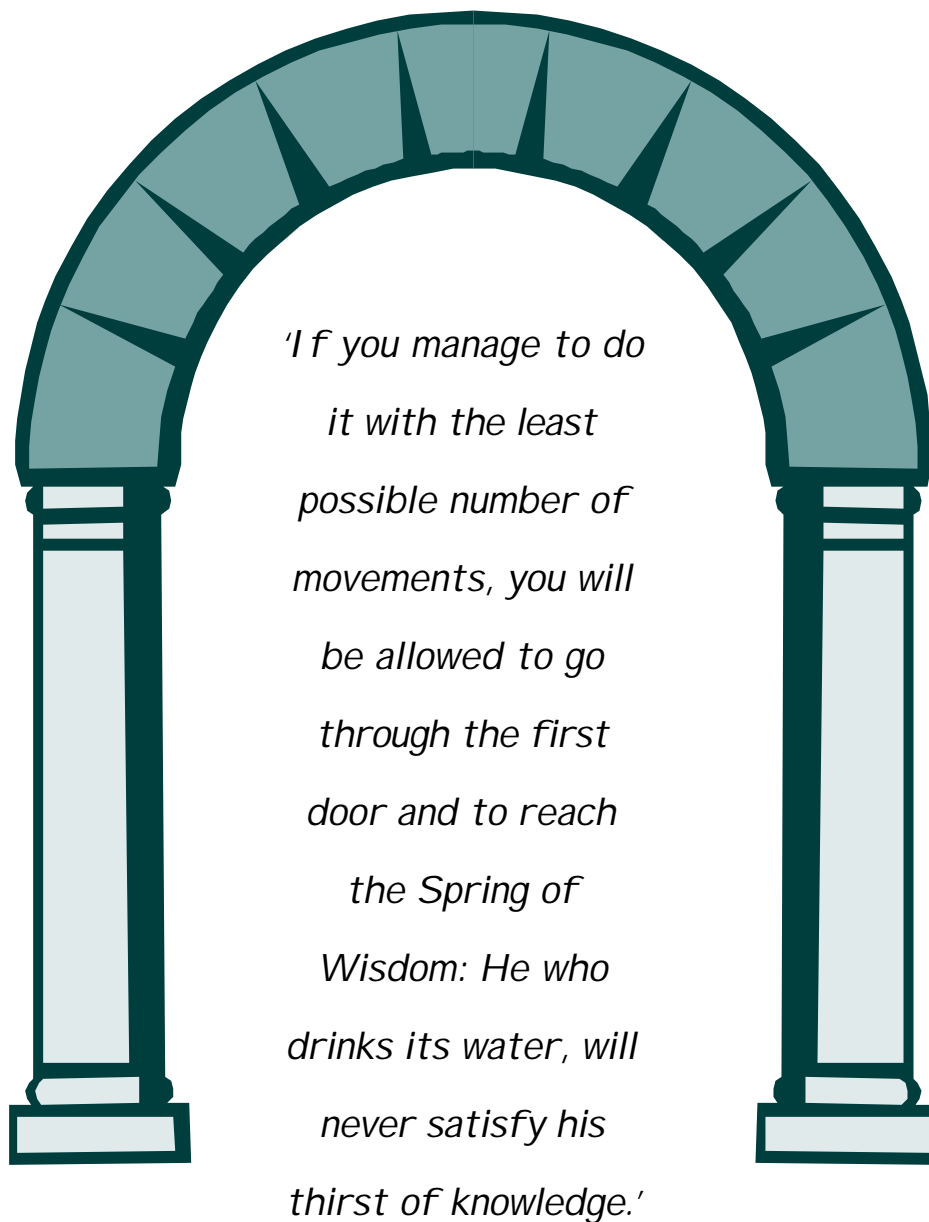
The spring of Wisdom

According to an old Hindu legend, the dome of the main temple in the sacred city of Benares, the place where the center of the Earth is found, the God Brahma entrusted his priests the task of indicating the time in the world: He placed on a bronze plate 3 vertical towers of diamond and put in one of them 64 disks of pure gold, from the biggest to the smallest size. When the priests of the temple finish transferring the 64 disks from the initial tower to the last, it will be the end of the world.

From immemorial times the priests work night and day, working in shifts to transfer the disks doing the smallest number of movements, and thus fulfilling the **rules** set by Brahma:

- ✍✍ **They can only transfer a disk at a time.**
- ✍✍ **It is not allowed to place a disk on another smaller.**
- ✍✍ **Any number of disks can be placed in the intermediate tower, whenever the previous rules are fulfilled.**

We are not going to set out a problem as the one of the hard-working priests of the temple of Benares, since we do not have so many time. However, you will get an idea of how difficult their task is if you manage [to transfer 3 disks from the initial tower to the last, following the rules of God Brahma](#). Start by doing it with only two disks.



YOU WILL NEED:

A game with three disks.