Towers of Hanoi

Cut out four discs. Start with stacking three of them on top of each other according to size, with the smallest disc on top. The objective is to move the stack from first column to last column.

Here are the rules:

1. The discs can only be moved one at a time.
2. A disc can only be placed on an empty space, or on a larger disc.

Hint:

Try playing with the discs. What happens if you include a fourth disc?
TOWERS OF HANOI