

How do we solve problems recursively?

Recursive Solutions: Towers of Hanoi

1. Base case:

1. When $n = 1$, Take the only disk from the start tower to the ending tower.

2. How to shrink?:

1. Move $n-1$ disks from the start to the middle (this problem is 1 disk easier than the starting problem.)
2. Move 1 disk from the start to the end (the easiest problem).
3. Move the remaining $n-1$ disks from the middle to the end.

How do we solve problems recursively?
