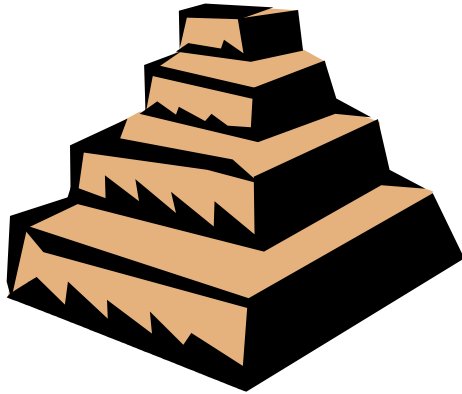


# Tower of Hanoi

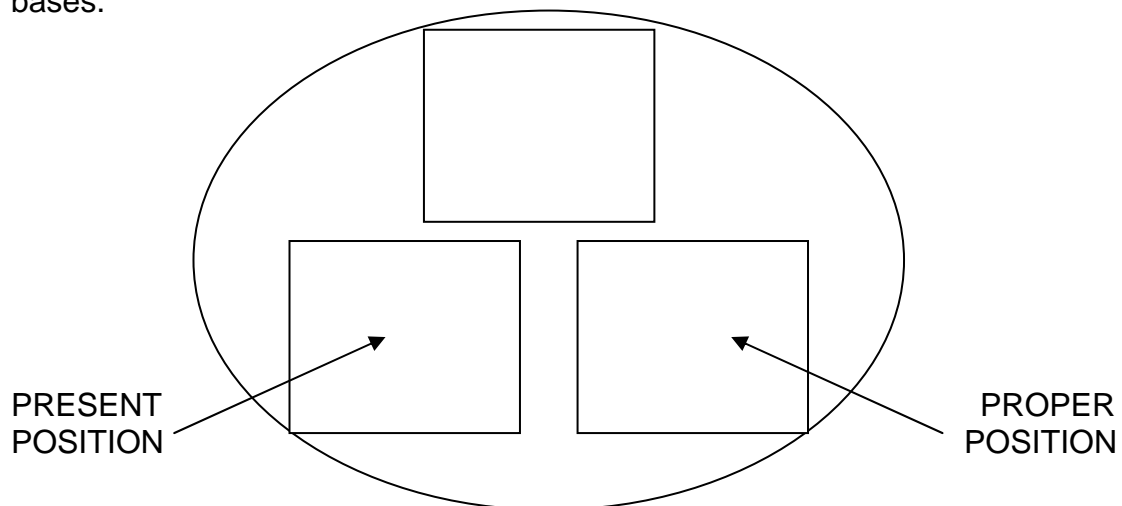
This is an interesting puzzle to baffle your brain.



The Tower of Hanoi looms up impressively against the skyline of Han-land. Soaring high above the rooftops, the Tower is a tribute to the King, who is loved and respected by all his subjects. The Tower is made up of 4 layers (or storeys), each one slightly smaller than the one below it. The builders have been constructing the Tower using the amazing powers of the Hanoi priests – who are able to move an entire storey of the Tower using the mystical powers of their minds.

Unfortunately, when the Hanoi builders had finished building the Tower, it was discovered that it had been built in the wrong place! When the King of Hanoi discovers their mistake he will be a little bit “Hanoi-ed” (to say the least). The builders (and the priests) must move the Tower to its proper site before the King returns from his journey to Nah-land.

Because Han-land is very marshy, there is only one area of land that is firm enough to build on. This is shown below and is just big enough for 3 Tower bases.



Your task is to help the Hanoi builders and priests to move the Tower from its present position to its proper position. The priests can only move one layer of the Tower at a time – AND YOU ARE NOT ALLOWED TO PLACE A BIGGER LAYER ON TOP OF A SMALLER LAYER.

**Hint:** Start with a Tower of only 2 layers  
..... then move on to a Tower of 3 layers  
..... and then a Tower of 4 layers.

**Challenge:** Can you move a 5 layer Tower?

