

# TORRE DE HANOI



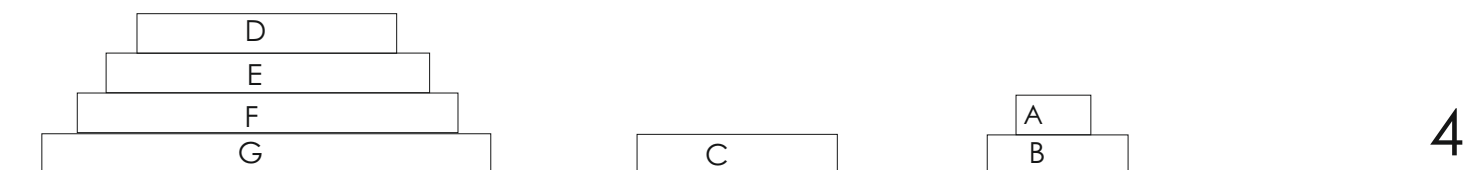
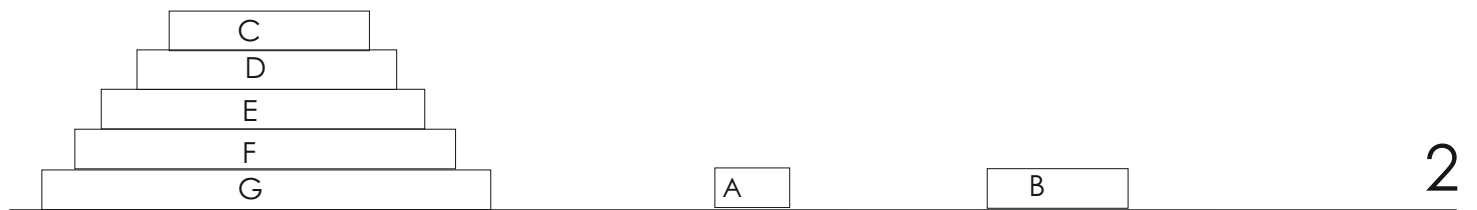
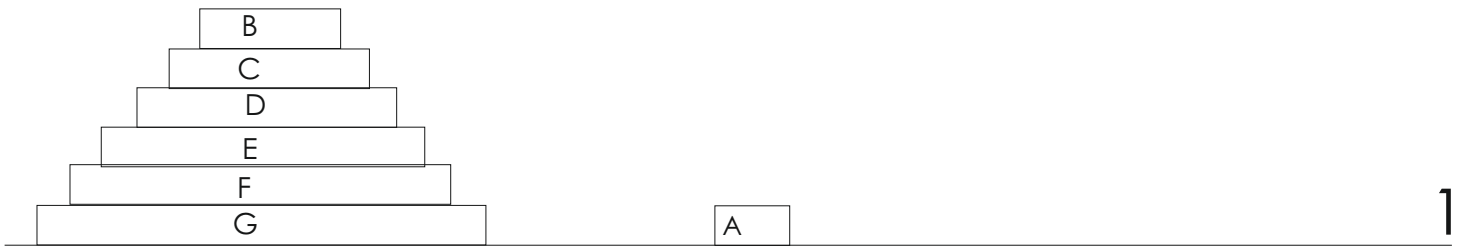
Para comenzar el juego hay que colocar los discos en una de las espigas verticales, de manera que el de mayor diámetro esté en la base y el de menor en la parte superior. Cualquier disco tiene que tener menor diámetro que el que tiene debajo.

El juego consiste en trasladar los discos de dicha espiga a cualquiera de las otras dos de uno en uno. Deberá moverse un solo disco cada vez. En ningún caso podrá colocarse en cualquiera de las espigas un disco de mayor diámetro sobre otro de diámetro inferior.

El juego terminará cuando se haya cambiado íntegramente la torre de espiga.

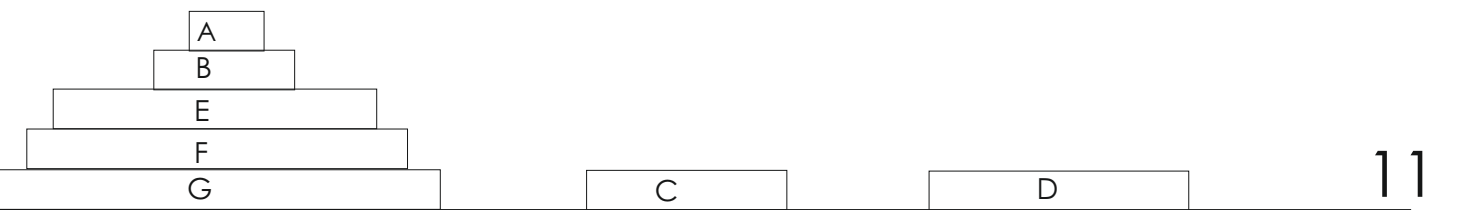
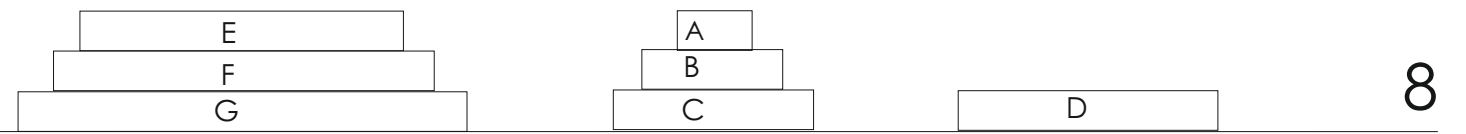
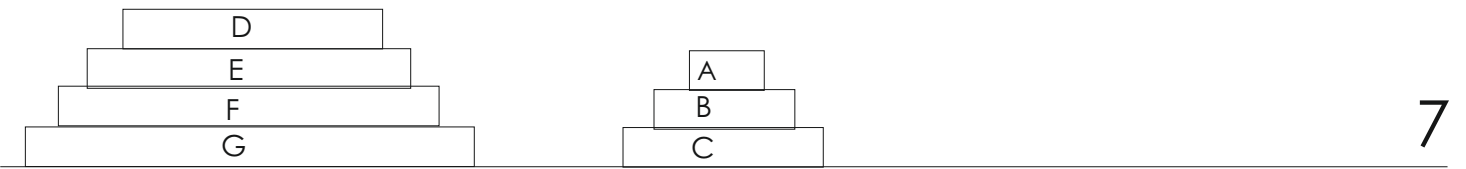
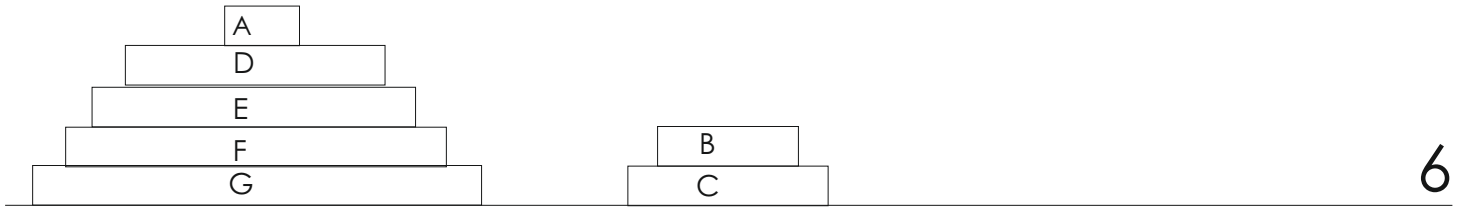
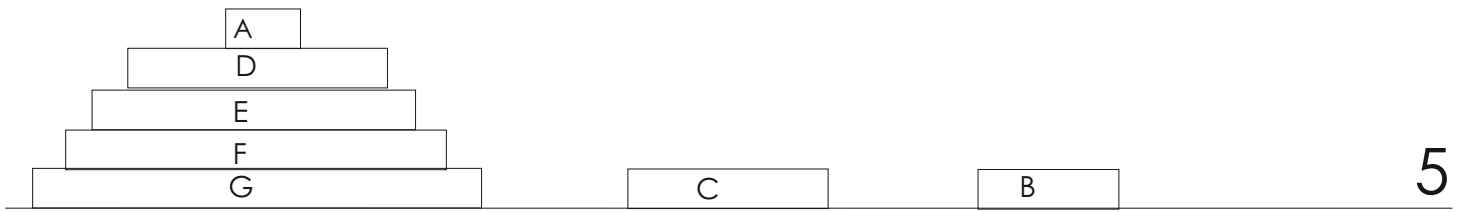
En las páginas siguientes se detallan todos los movimientos a realizar para trasladar una torre de siete pisos.

# Resolución de las torres de Hanoi. Pasos 0 a 4



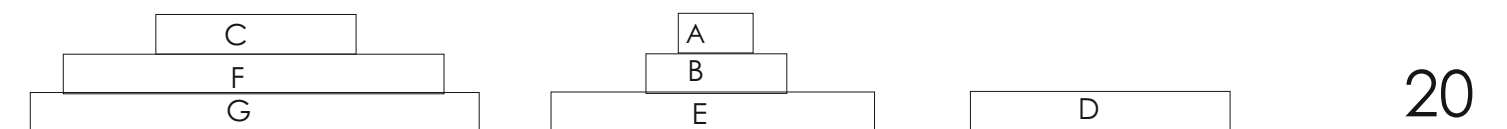
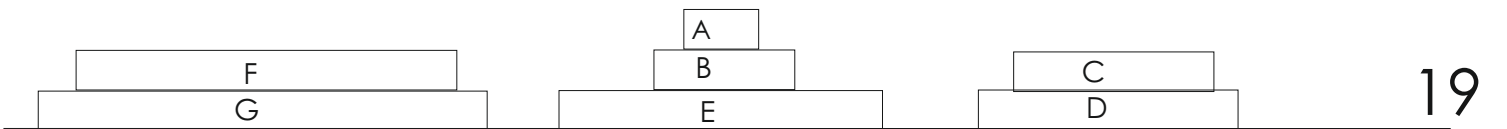
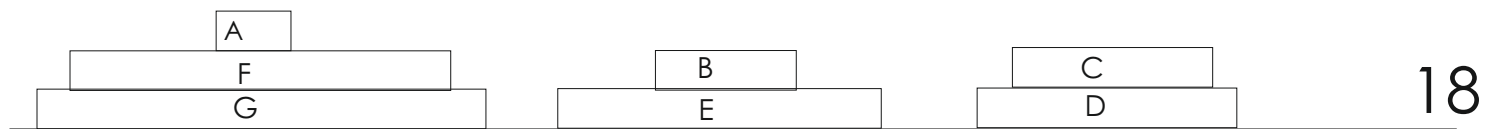
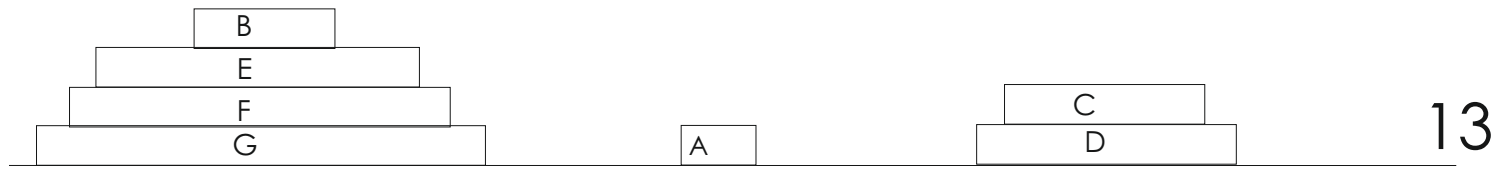
# Resolución de las torres de Hanoi.

## Pasos 5 a 12



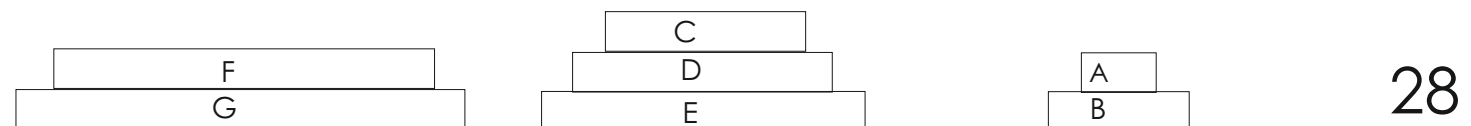
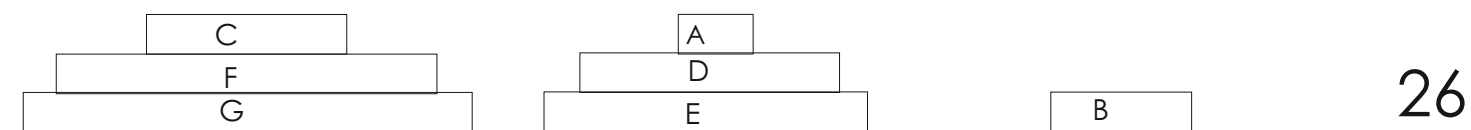
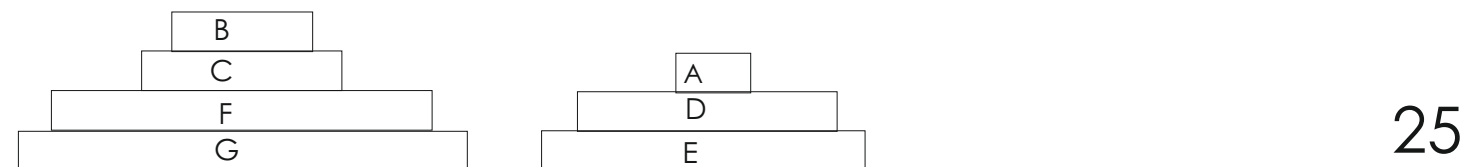
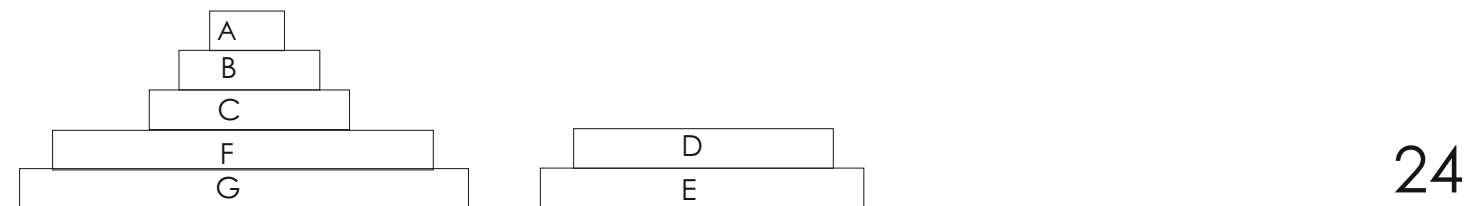
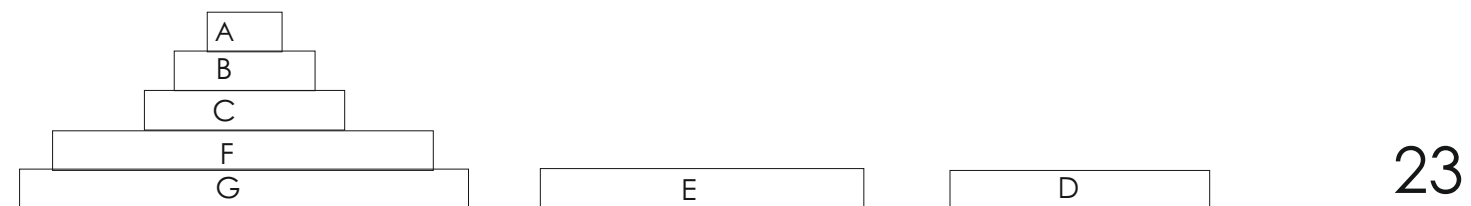
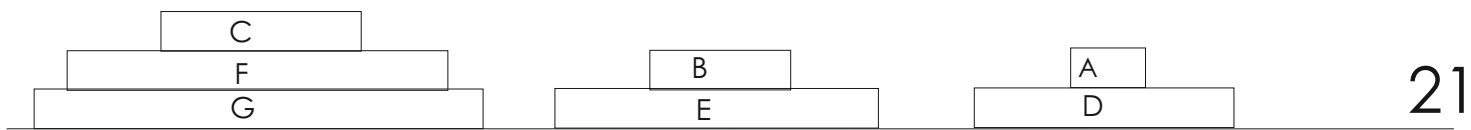
# Resolución de las torres de Hanoi.

## Pasos 13 a 20

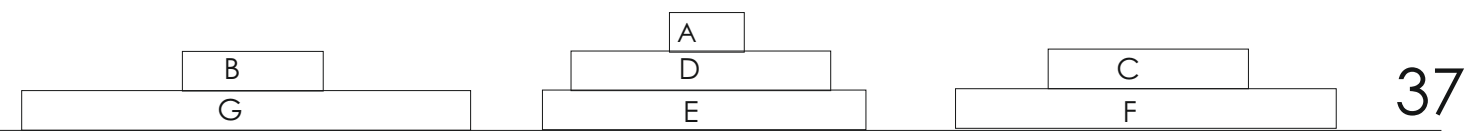
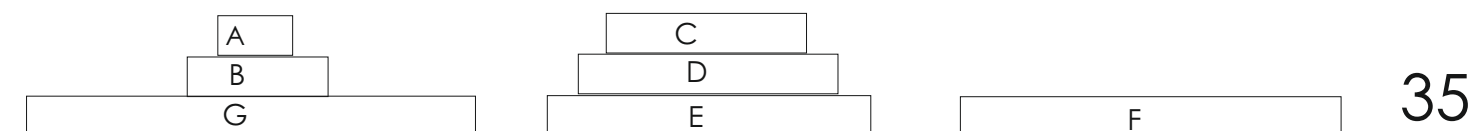
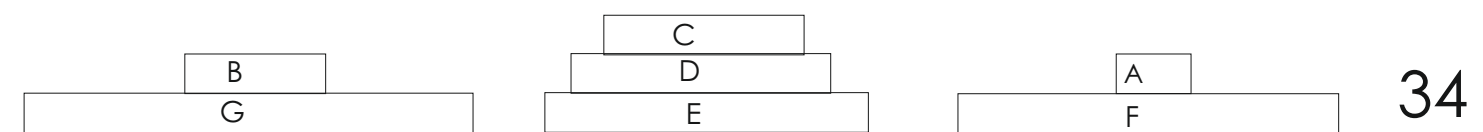
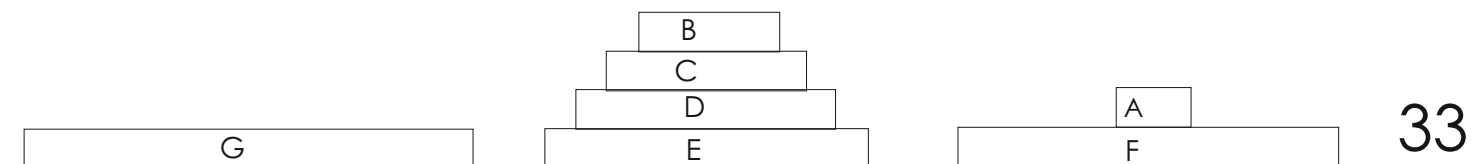
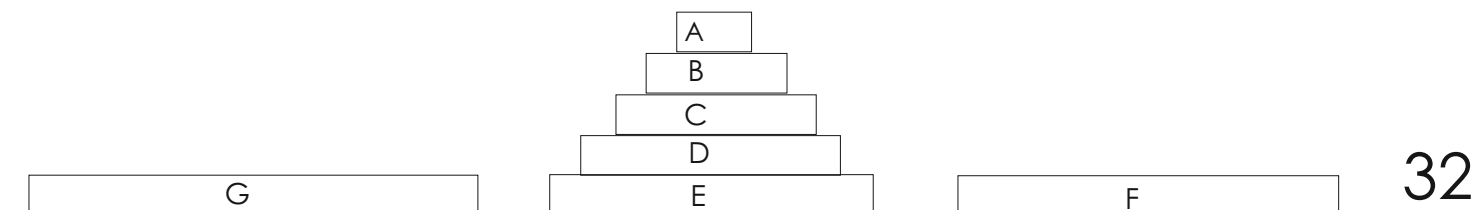
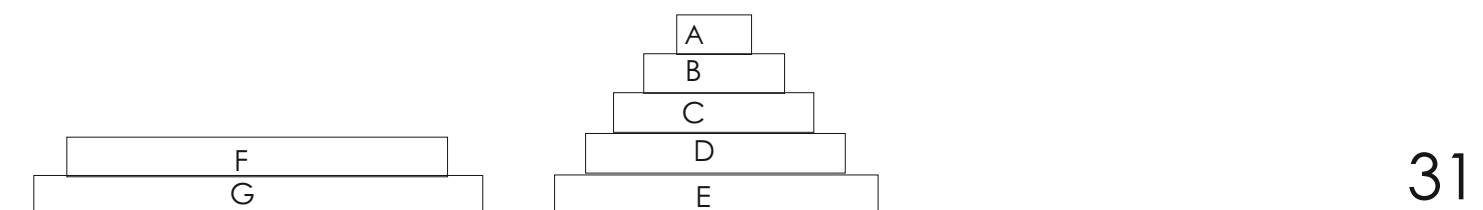
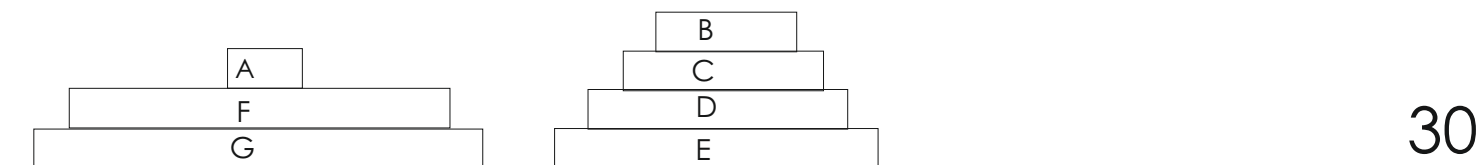
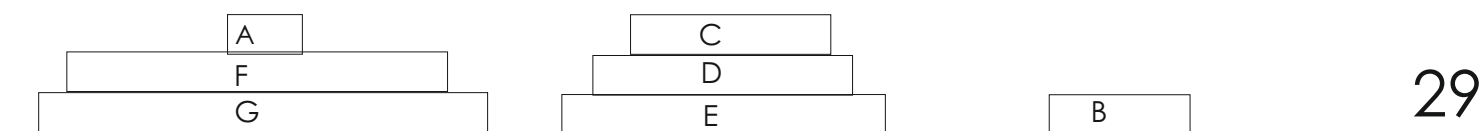


# Resolución de las torres de Hanoi.

## Pasos 21 a 28

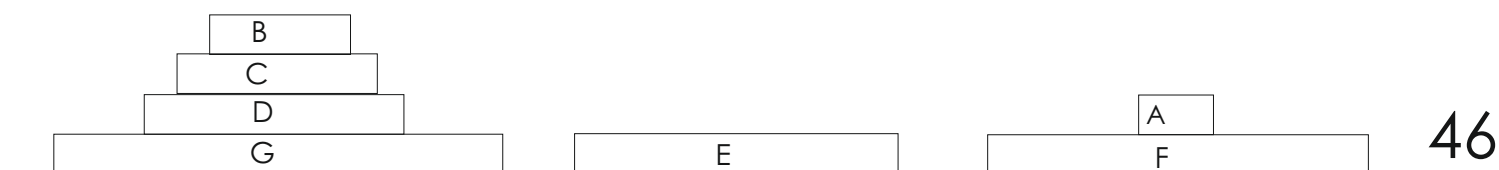
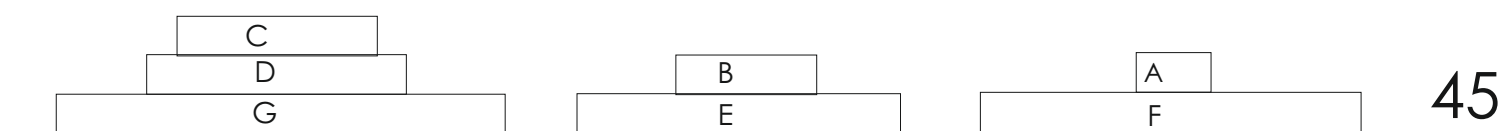
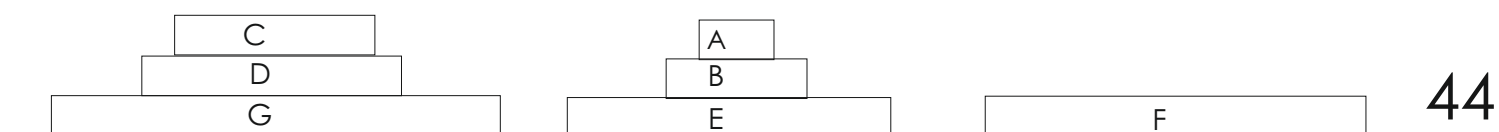
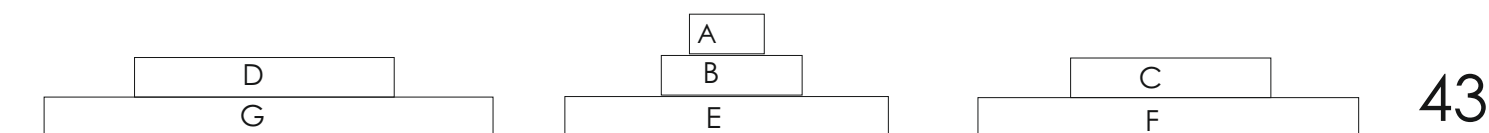
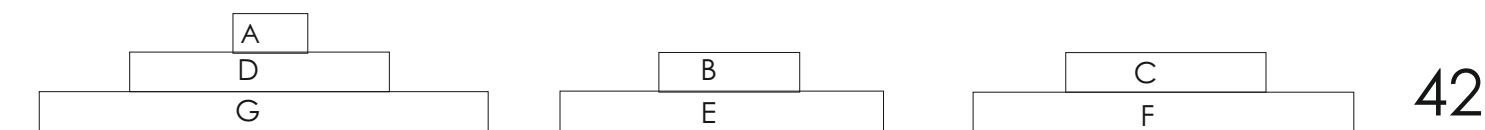
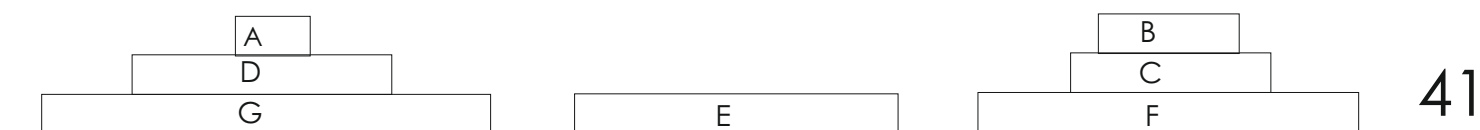
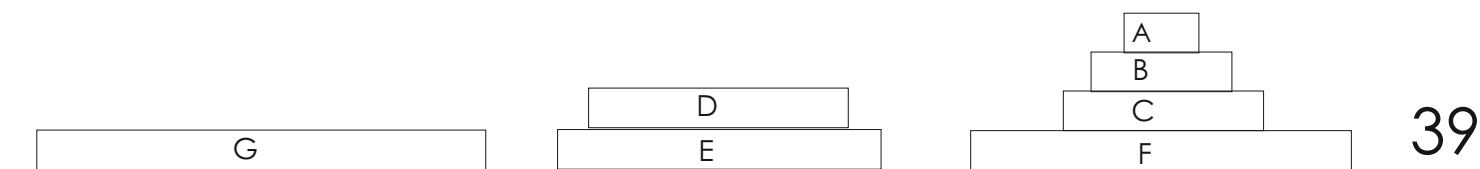
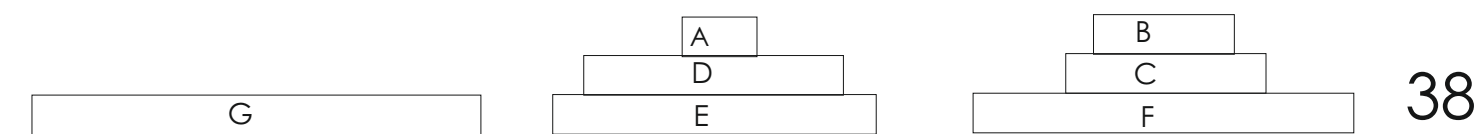


# Resolución de las torres de Hanoi. Pasos 29 a 37

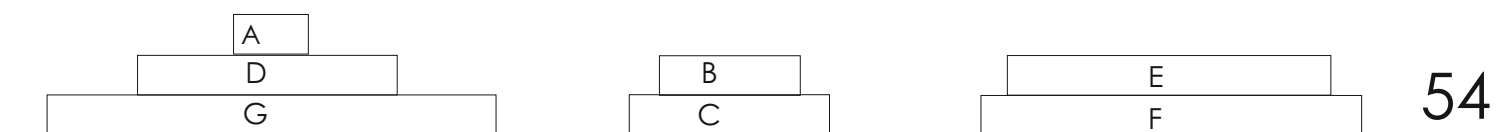
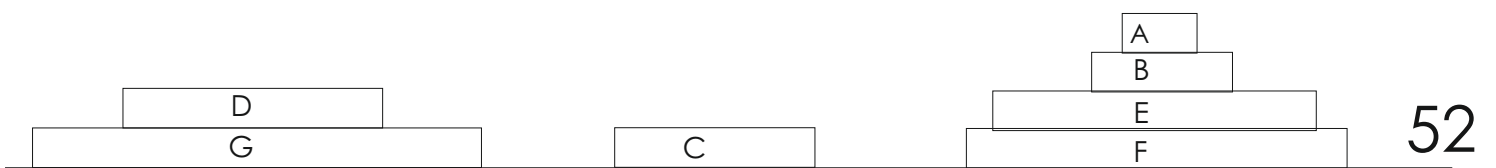
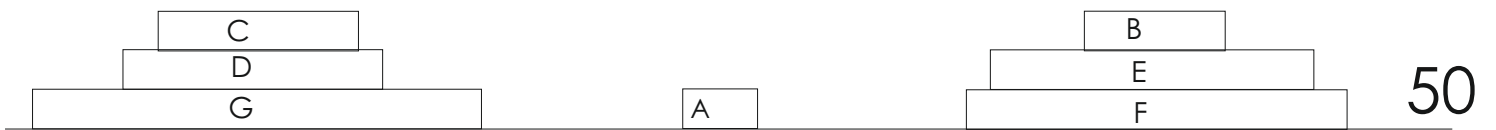
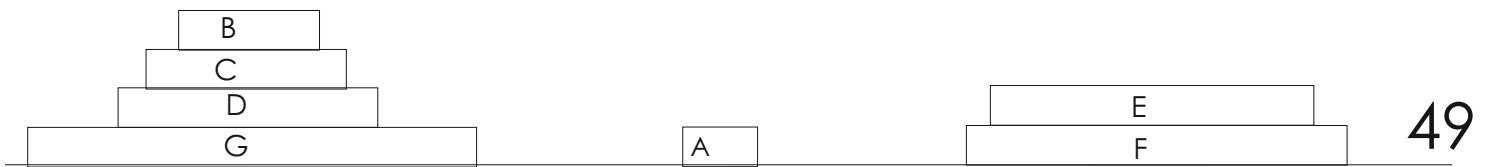


# Resolución de las torres de Hanoi.

## Pasos 38 a 46



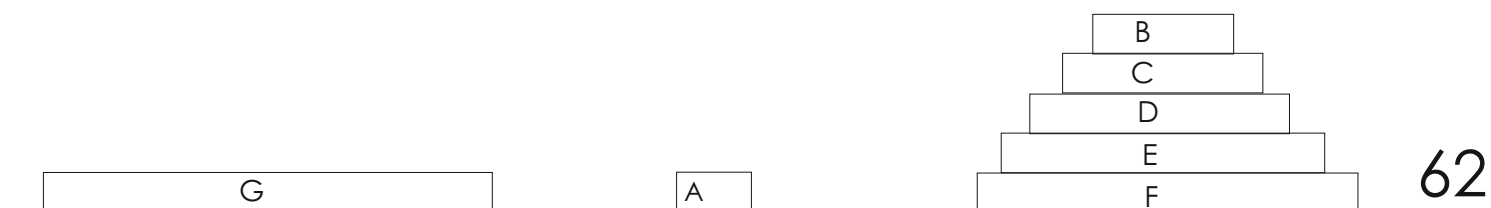
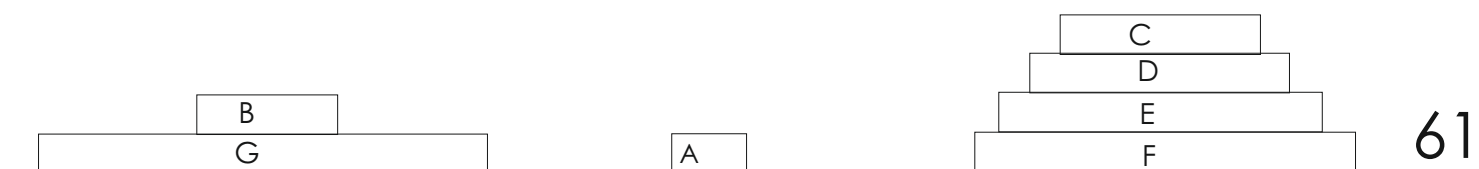
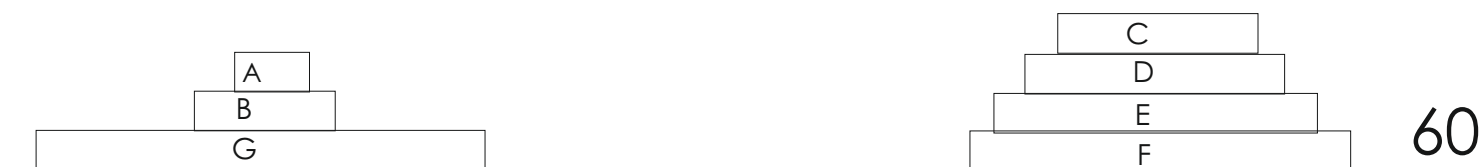
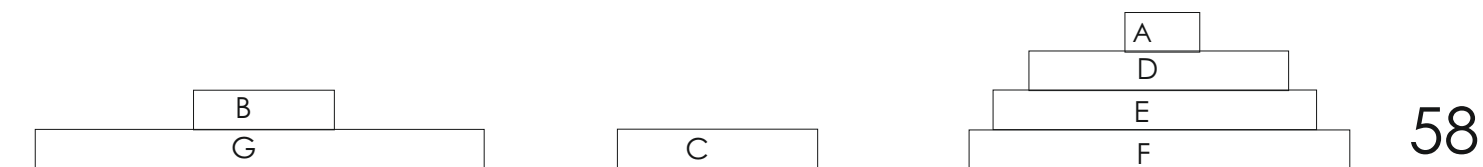
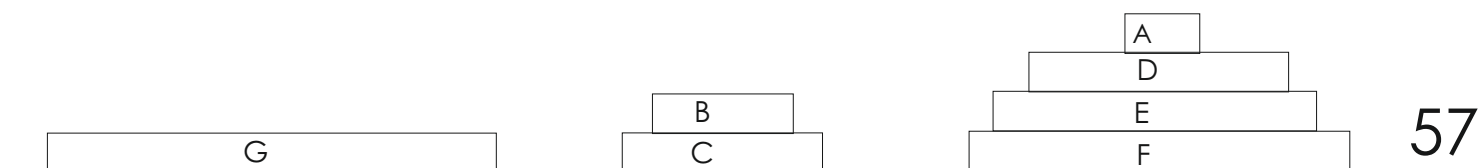
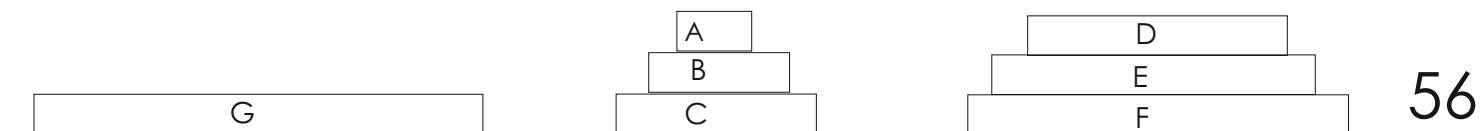
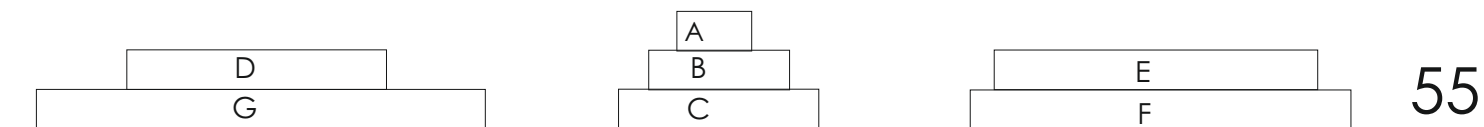
# Resolución de las torres de Hanoi. Pasos 46 a 54



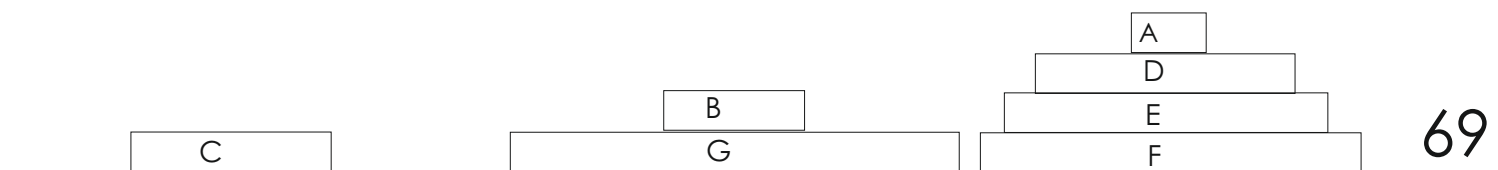
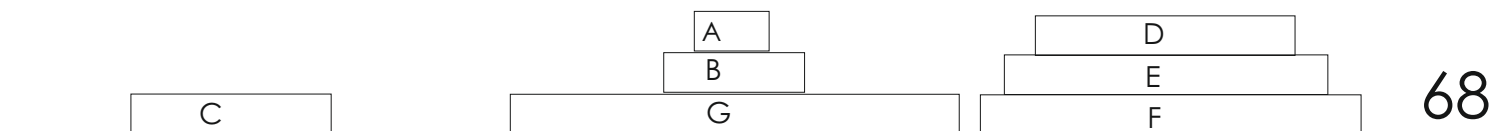
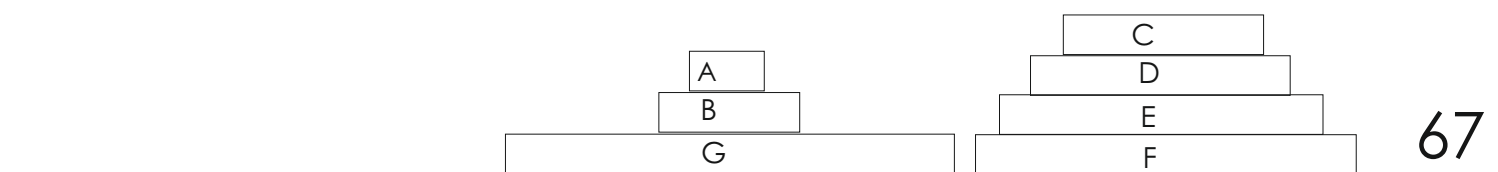
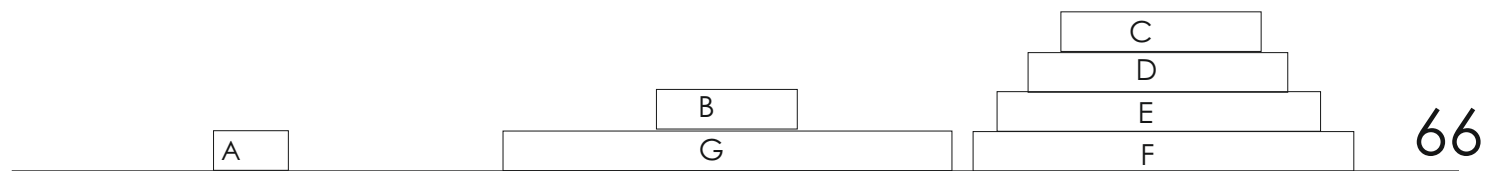
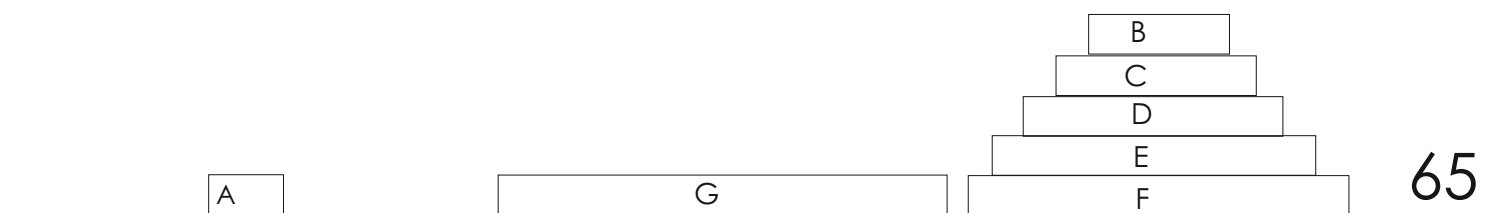
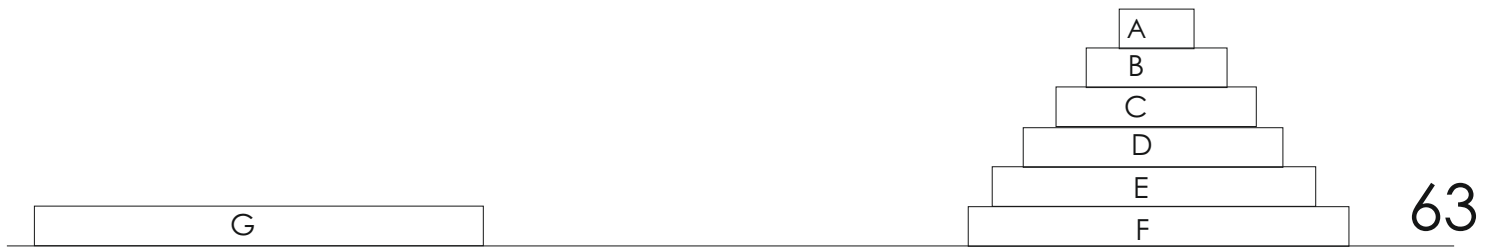


# Resolución de las torres de Hanoi.

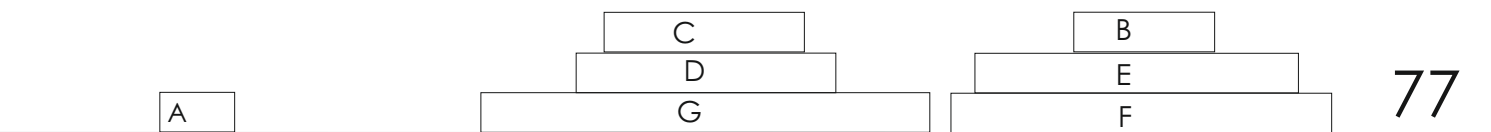
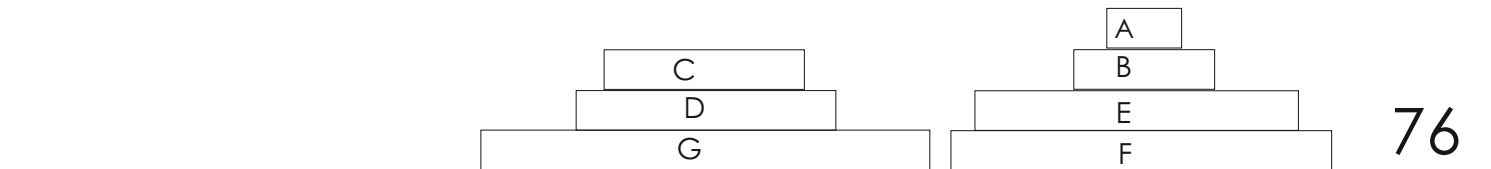
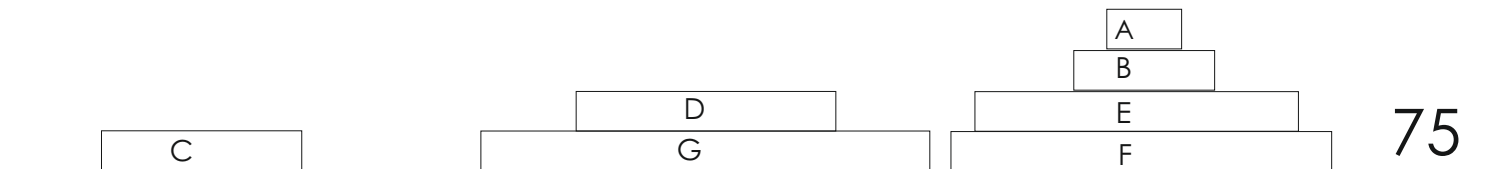
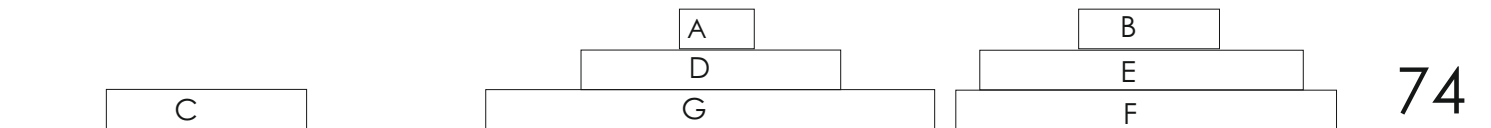
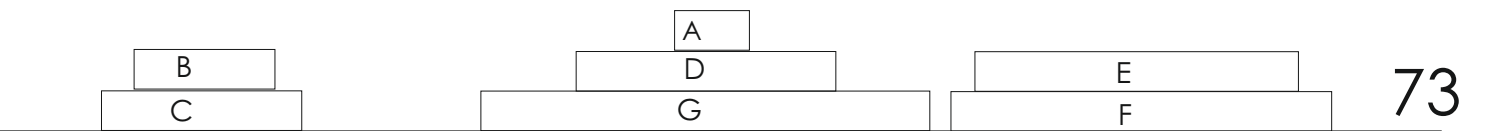
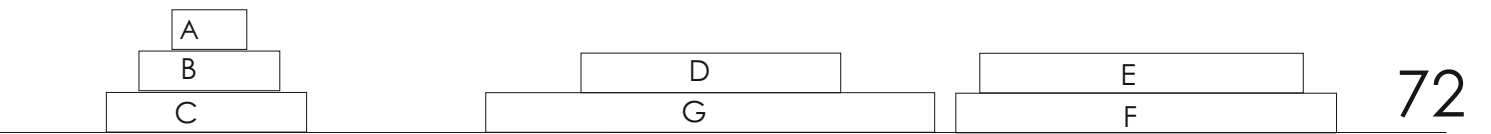
## Pasos 55 a 62



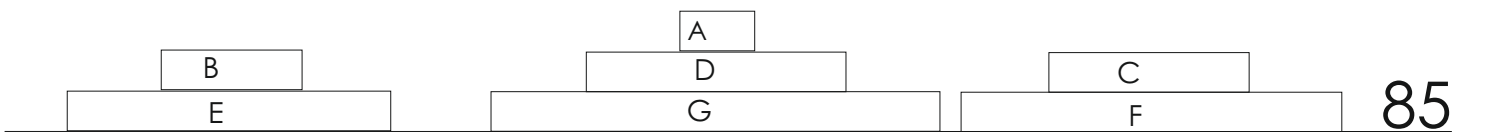
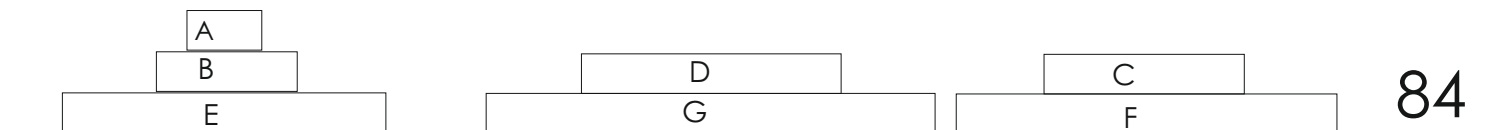
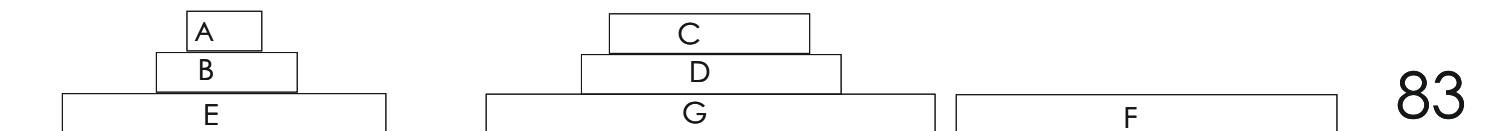
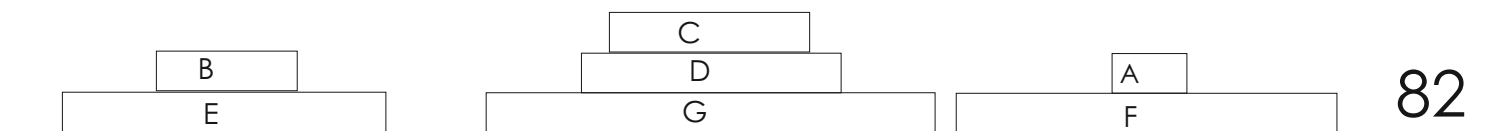
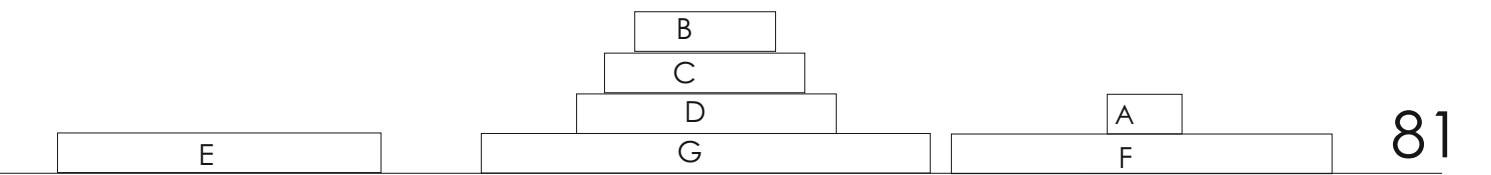
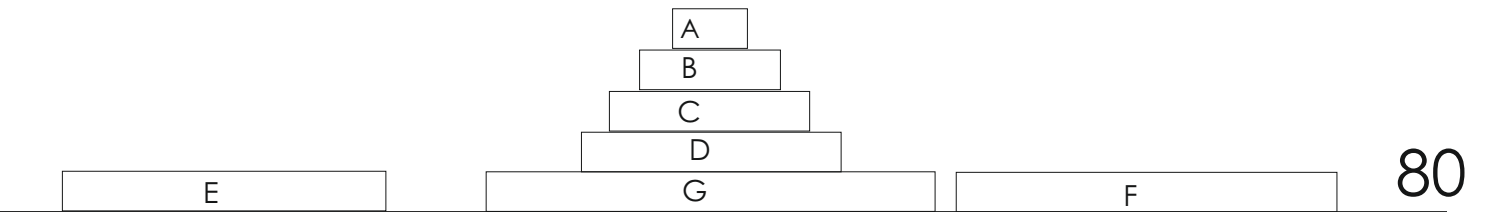
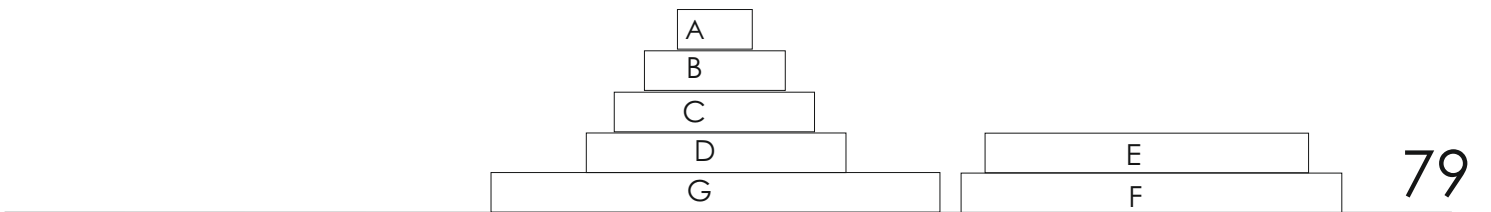
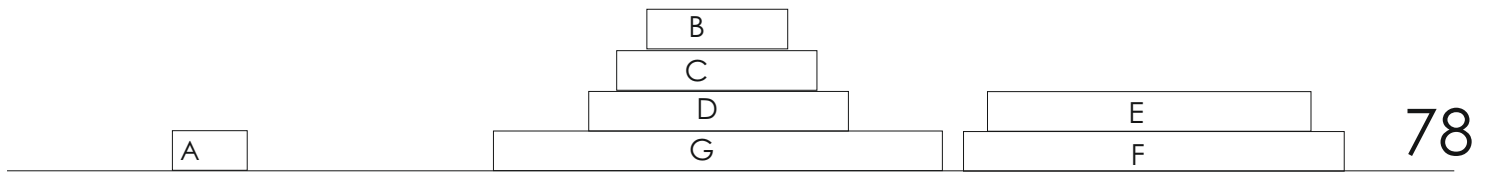
# Resolución de las torres de Hanoi. Pasos 63 a 69



# Resolución de las torres de Hanoi. Pasos 70 a 77

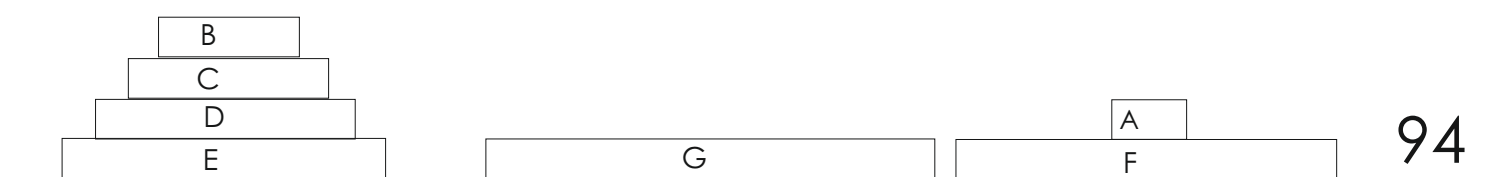
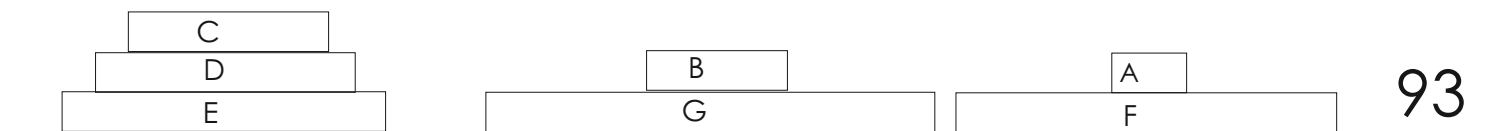
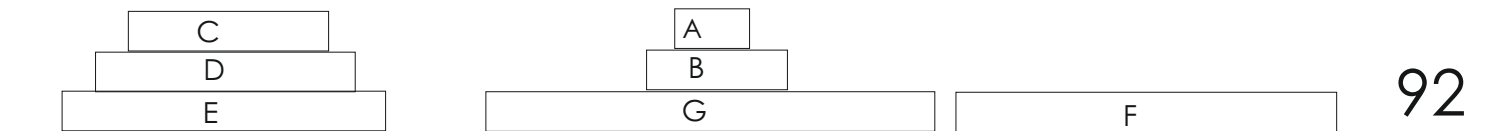
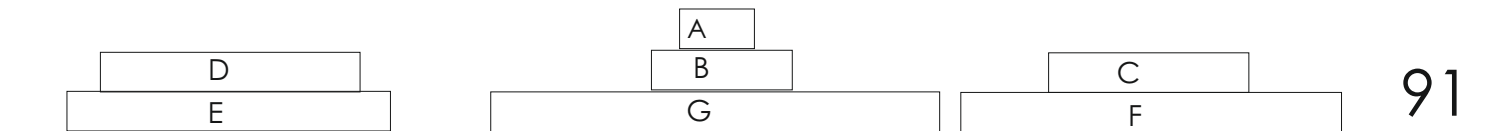
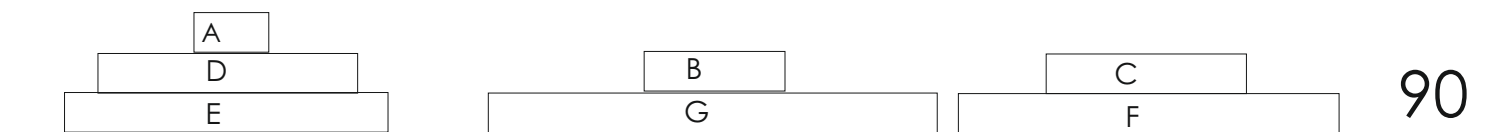
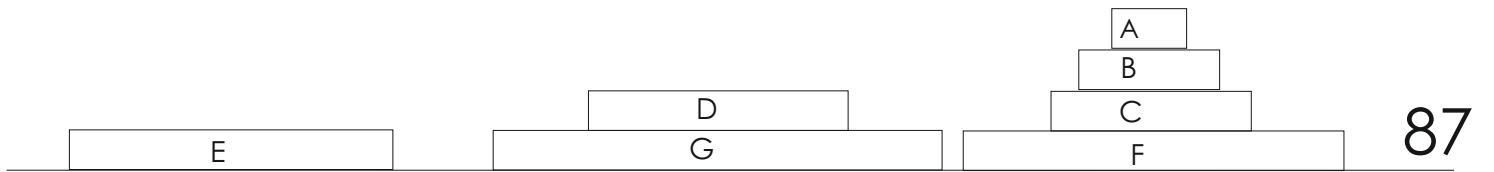
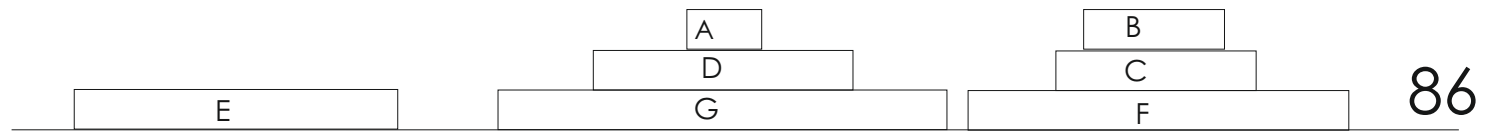


# Resolución de las torres de Hanoi. Pasos 78 a 85

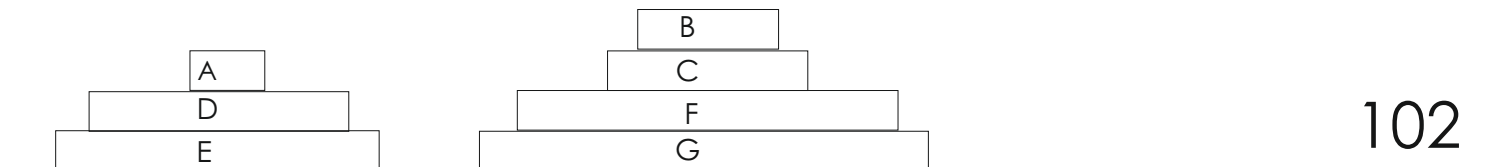
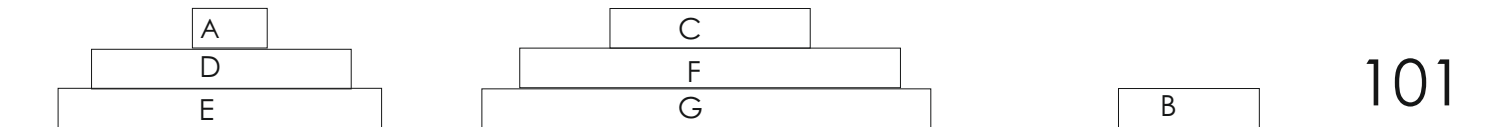
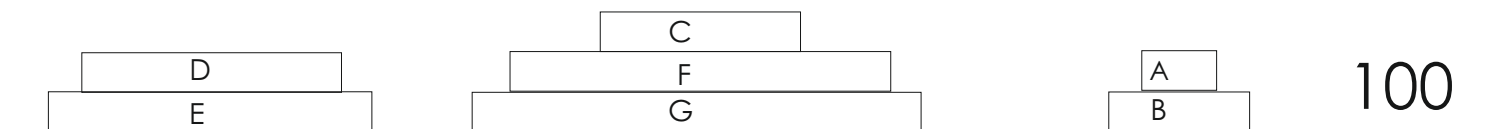
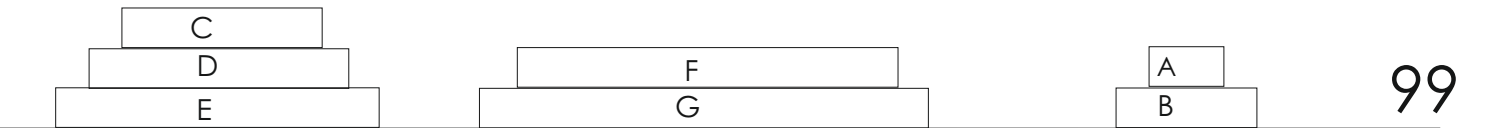
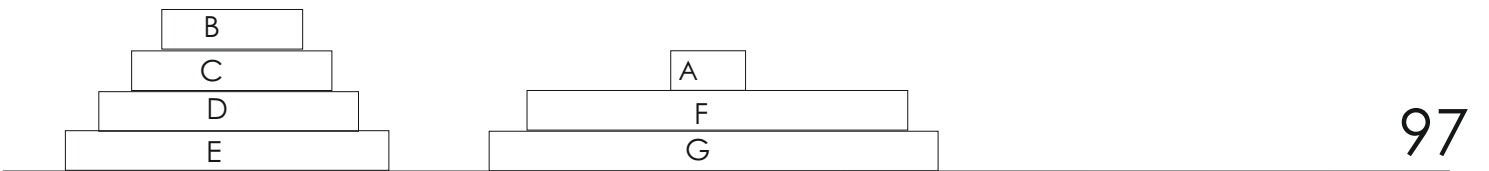
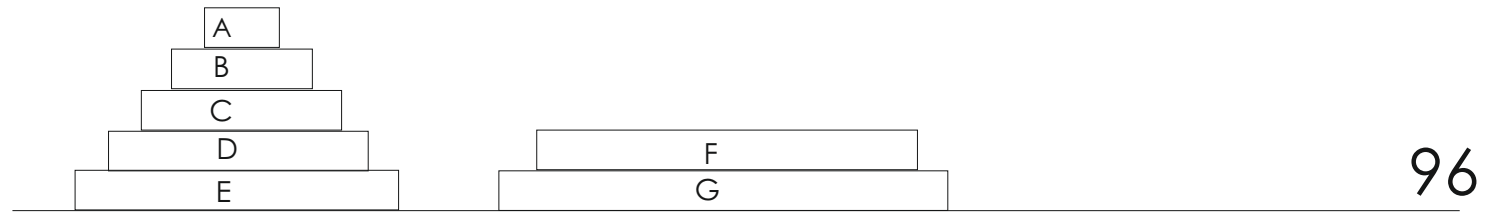


# Resolución de las torres de Hanoi.

## Pasos 86 a 94

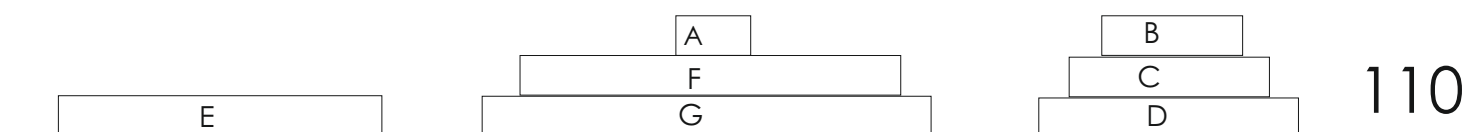
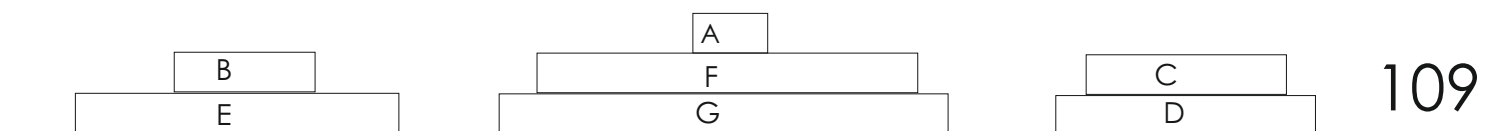
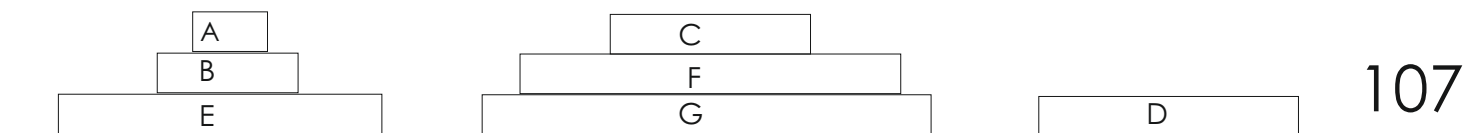
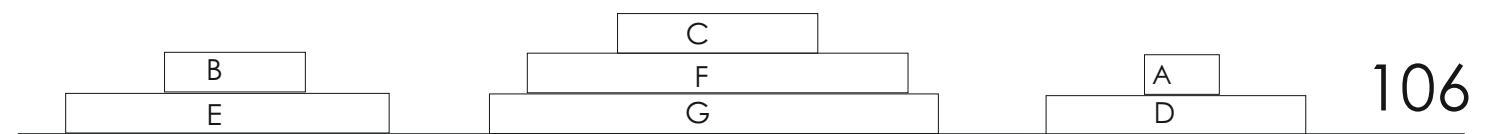
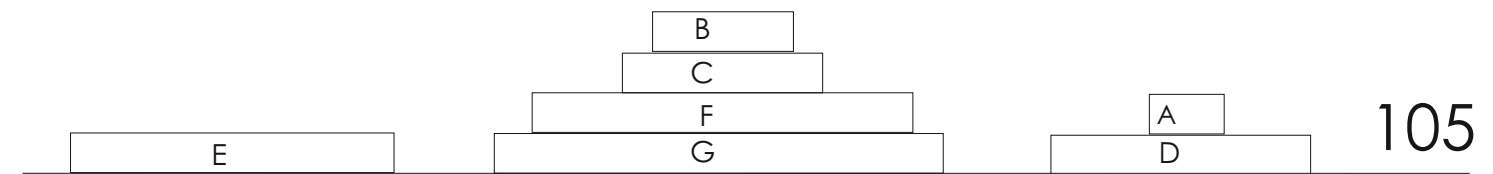
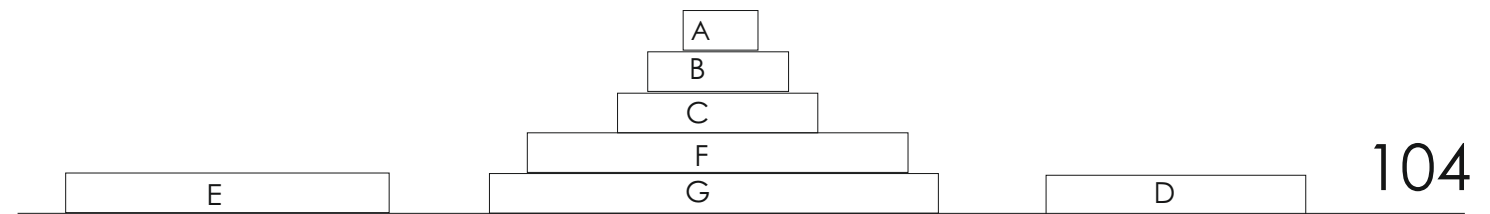
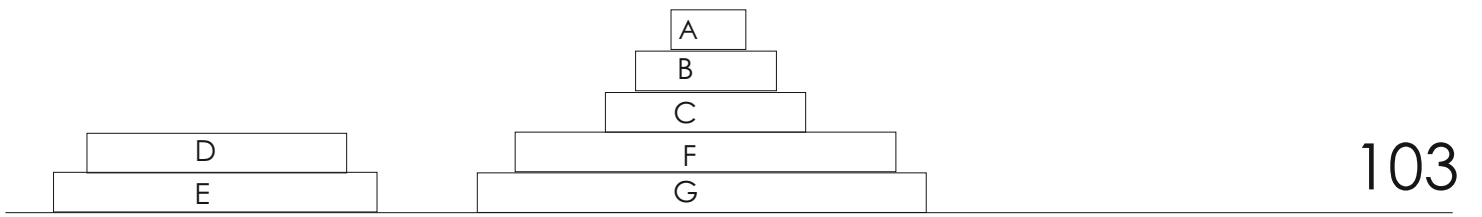


# Resolución de las torres de Hanoi. Pasos 95 a 102



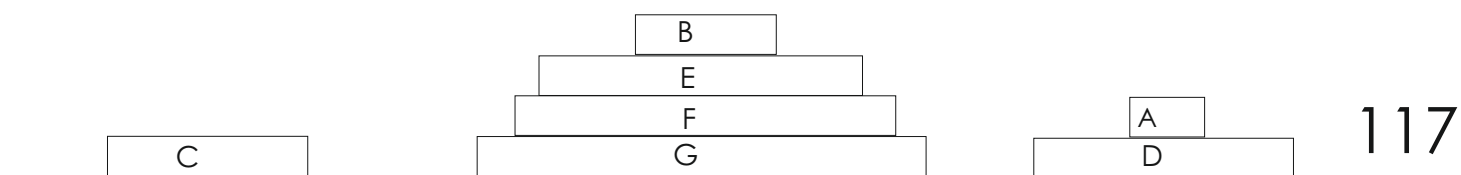
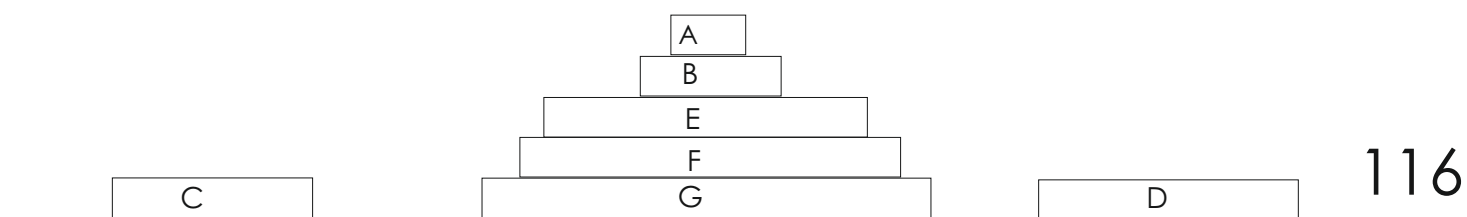
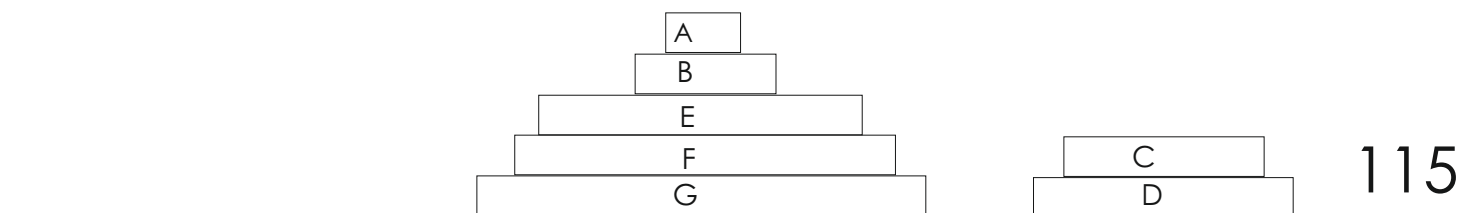
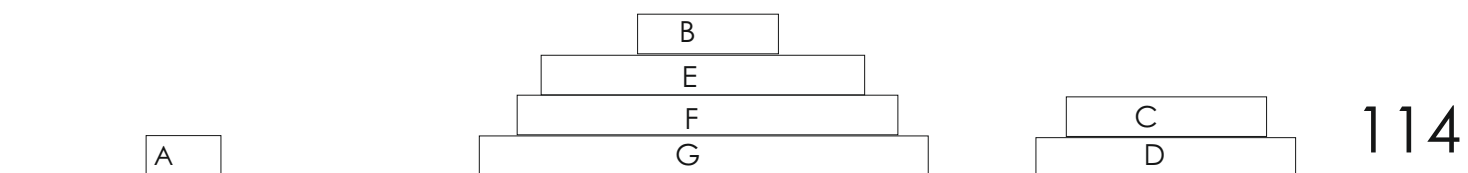
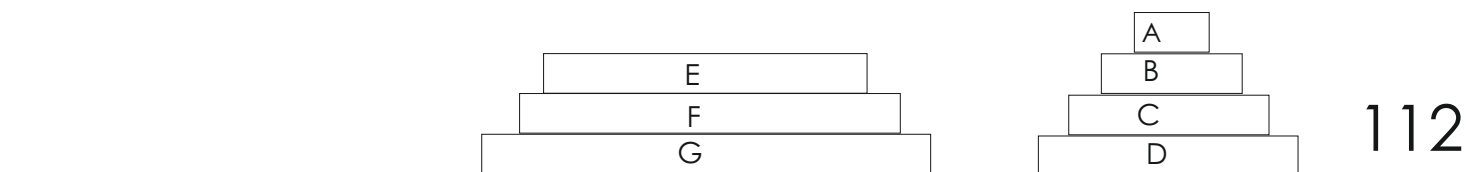
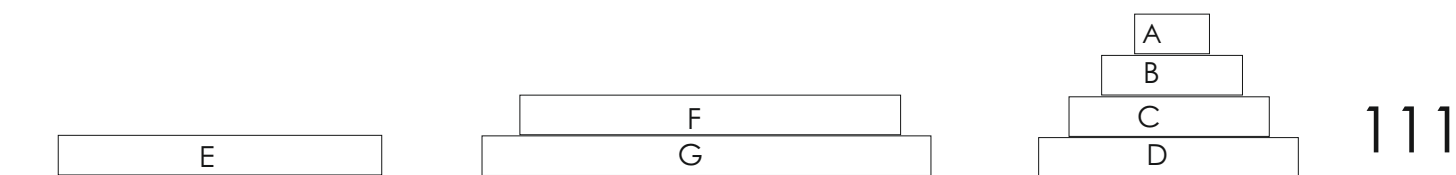
# Resolución de las torres de Hanoi.

## Pasos 102 a 110



# Resolución de las torres de Hanoi.

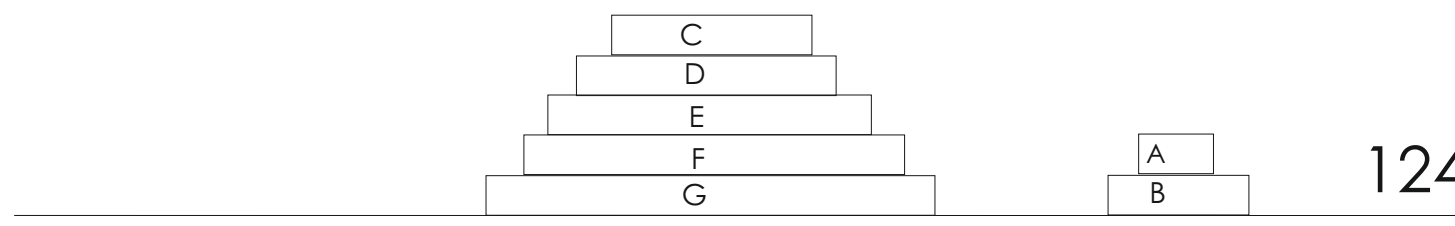
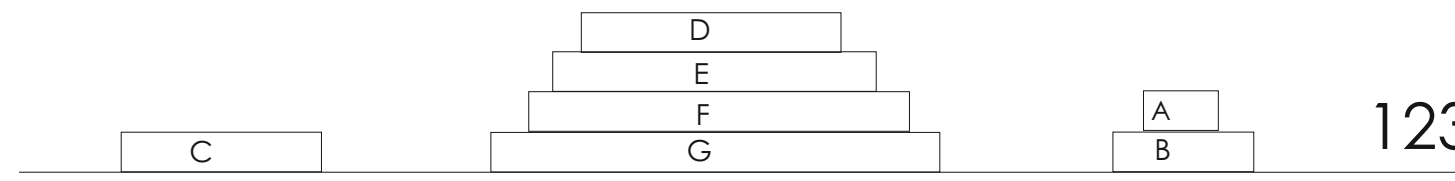
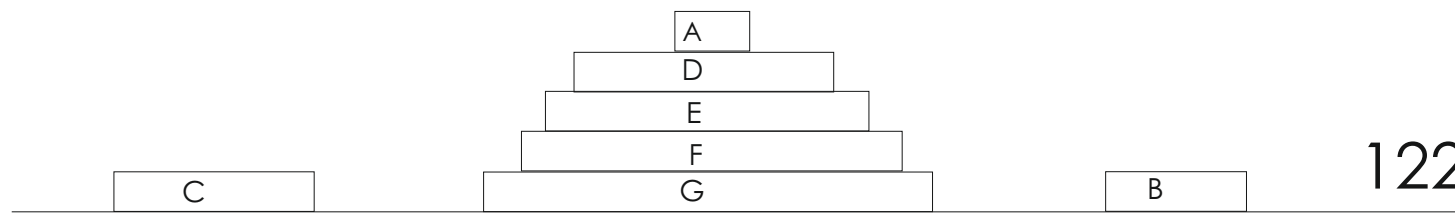
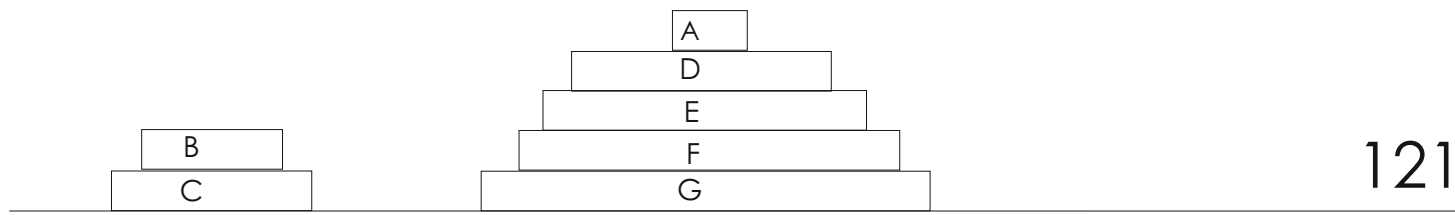
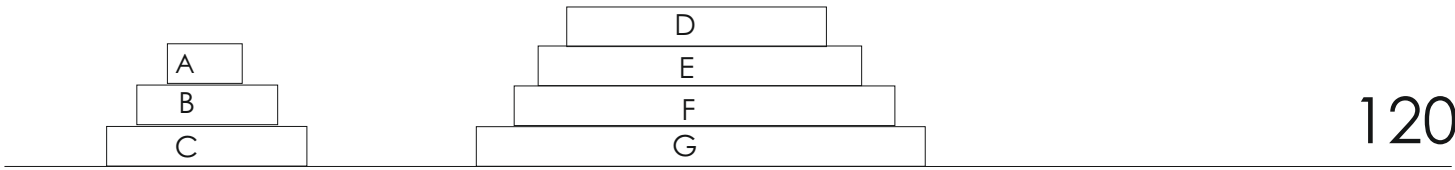
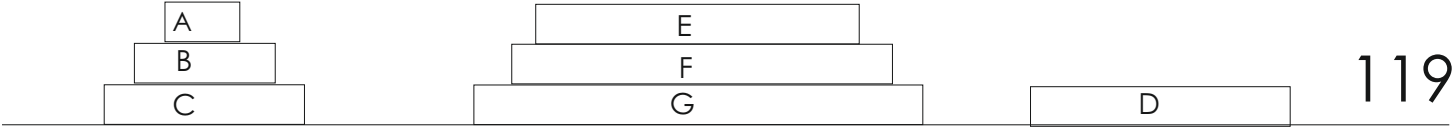
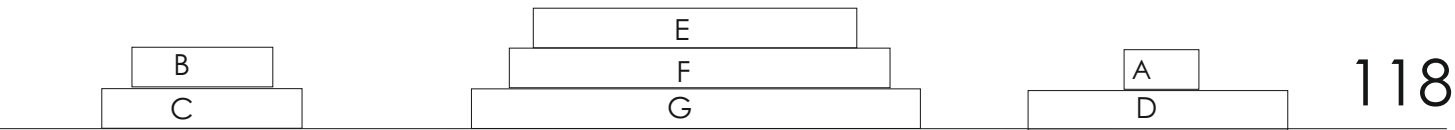
## Pasos 111 a 117



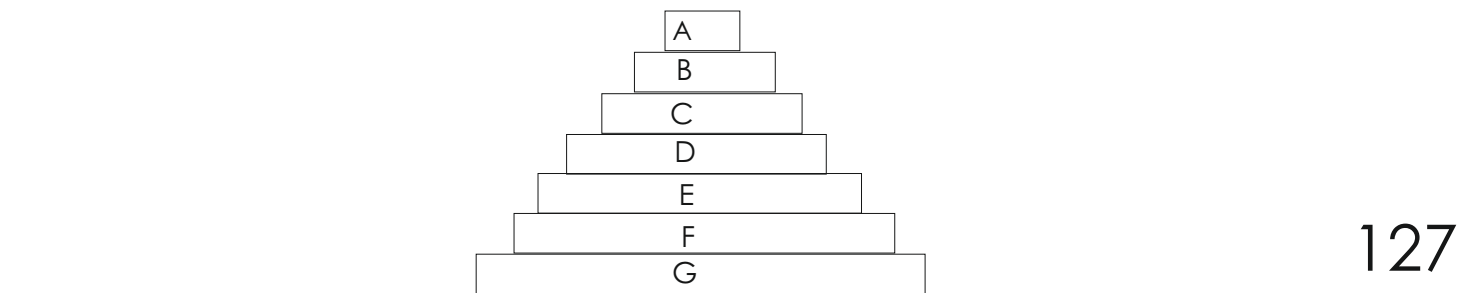
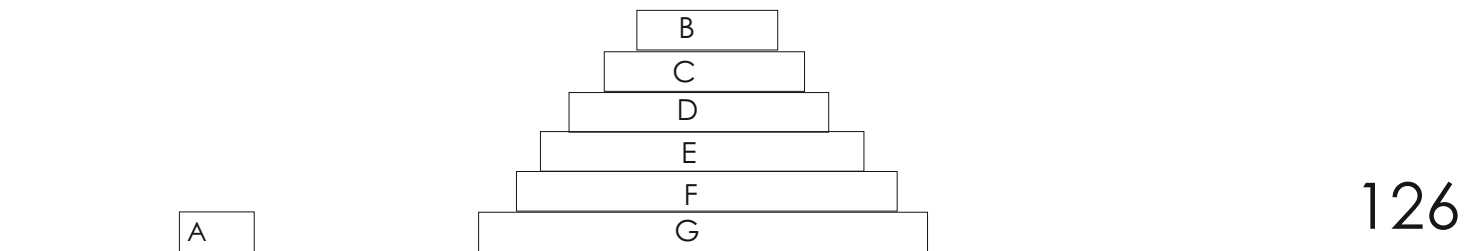
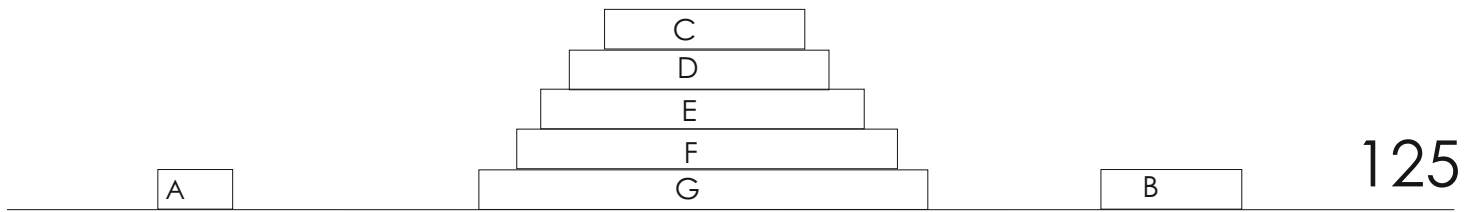


# Resolución de las torres de Hanoi.

## Pasos 118 a 124



# Resolución de las torres de Hanoi. Pasos 125 a 127



$$2^N = 2^7 = 127 \text{ pasos}$$