

## Rainbow stones

Each of the seven boxes  $B_1, B_2, B_3, B_4, B_5, B_6, B_7$  initially contains one stone. The following operations are allowed:

Type 1: Choose a non-empty box  $B_j$ ,  $1 \leq j \leq 6$ , remove one stone from  $B_j$  and add two stones to  $B_{j+1}$ .

Type 2: Choose a non-empty box  $B_k$ ,  $1 \leq k \leq 5$ , remove one stone from  $B_k$  and swap the contents (even if empty) of the boxes  $B_{k+1}$  and  $B_{k+2}$ .

**Your goal:** Have as many stones in the seventh box as possible.