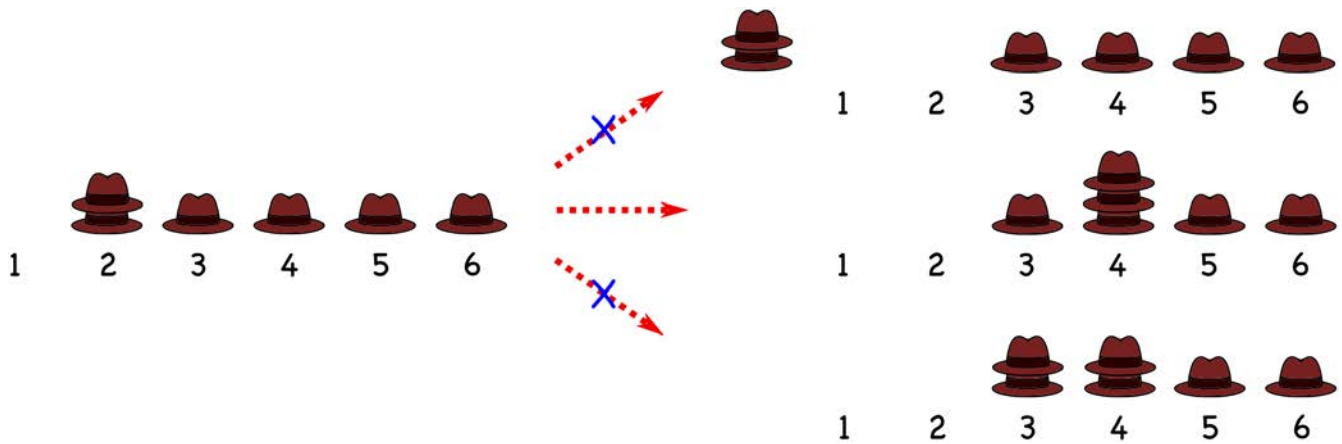


Puzzle of the Week

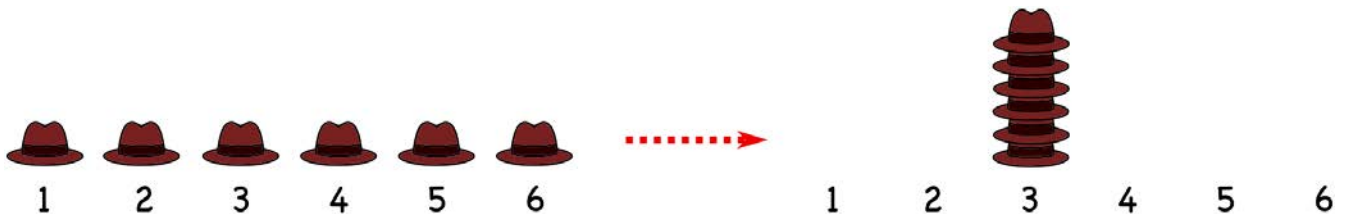
Stacking Hats – 1

Rules for stacking:

- 1) When you move a stack, you must move the whole stack onto a place with at least one hat.
- 2) A stack moves over the number of places for how many hats there are.
- 3) You can only use the original six spots.



THE CHALLENGE: Use these rules to move the six hats into one stack. Can the final stack of six hats end up in any of the six positions, or do only some of the positions work?



EXPLORATION: What happens if you start with seven hats in seven places? What about other numbers?