

Instructions:

Solve the following puzzles. With your solutions, please identify the “key step” (or realization) that allows you to obtain your answer.

First Warm-up Puzzle:

A man has to transport a wolf, a sheep, and some cabbage across a river in a small rowboat. On each trip, the man can transport only one other passenger. When the man is not around, the wolf will eat the sheep and/or the sheep will eat the cabbage. Devise a plan that will move all the passengers across the river safely.

Second Warm-up Puzzle:

What is the principle behind the ordering: 8,5,4,9,1,7,6,3,2,0?