

# Permutation Puzzles

Math Teachers' Circle at UNO

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**Abstract:** A permutation of a set of objects is simply an arrangement of those objects into a particular order. In this Math Teachers' Circle we will play and explore several games and puzzles involving permutations. Using hands-on activities, we will examine puzzles of varying levels of difficulty and along the way, we will look for patterns, make and test hypotheses, and discuss possible variations of the puzzles.