**Frog and Toad Trade Places**

Toads and Frogs On a one-dimensional board with 2n + 1 cells, there are n counters in the first n cells representing Toads and n counters in the last n cells representing Frogs. Toad and Frogs take turns moving. Moves consist of sliding a Toad or Frog into the empty cell or jumping over one opposing creature to the empty cell. (Toads cannot jump over themselves and neither can Frogs.) Toads can only move rightward; Frogs can only move leftward. The object is to make them switch their positions.