# QotD2

1. A naive solution to the Hamiltonian Cycle problem will potentially try every possible _____ of the vertices
   *(1 point)*

   A. Combination

   ✓ B. Permutation

   C. Consolation

   D. Salutation

2. **Pruning** an exhaustive search solution
   [ choose the best answer ]
   *(1 point)*

   A. Reduces the number of potential solutions, thereby reducing the asymptotic run-time

   B. Reduces the number of potential solutions, but does not necessarily improve the asymptotic run-time

   C. Makes the problem practically solvable for larger values of N

D. Both A and C

✓ E. Both B and C