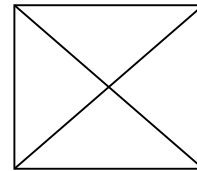
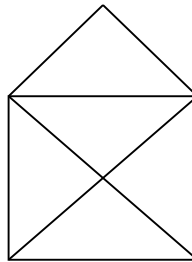
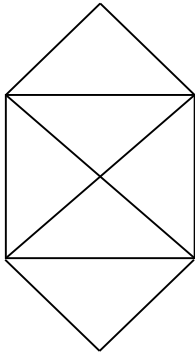


- ❖ Which of these can you draw (ie, trace all edges) without lifting your pencil, *drawing each line only once*?
 - Can you start and end at the same point?



- ❖ Enumerate 1-2 algorithms with the following worst-case runtimes:
 - $O(\log n)$
 - $O(n)$
 - $O(n^2)$ or $O(V^2)$ or $O(E^2)$
 - $O(V + E)$

Sorting
Shortest Path
Euler Circuit

Hamiltonian Circuit
Satisfiability (SAT)
Vertex Cover
Travelling Salesman

Tower of Hanoi
Best chess move ($N \times N$)

Halting