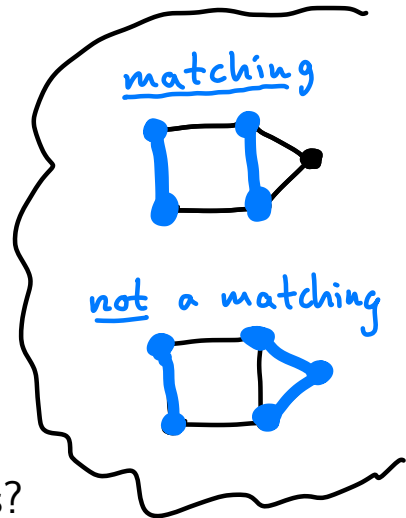
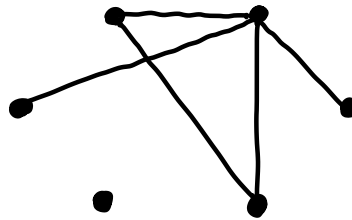
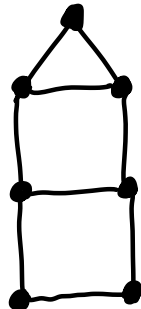
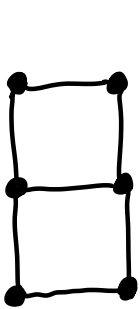


Vocab/notation In a graph G ...

Matching: a set of edges with no shared vertices.

$\alpha'(G)$ = max. size of a matching in G

Perfect matching (or **1-factor**): a matching covering all vertices in G .



Can you find a perfect matching in any of these graphs?