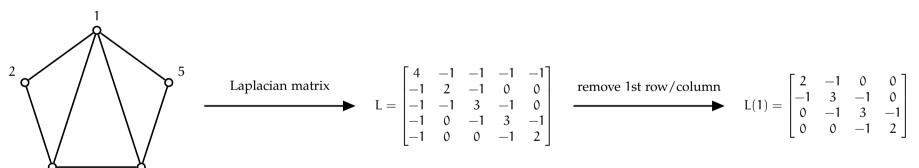


For each graph, add as many edges as possible so that they do not create any cycles—such a structure is called a *spanning tree*.

Number of spanning trees =



3 4

det(L(1)) =