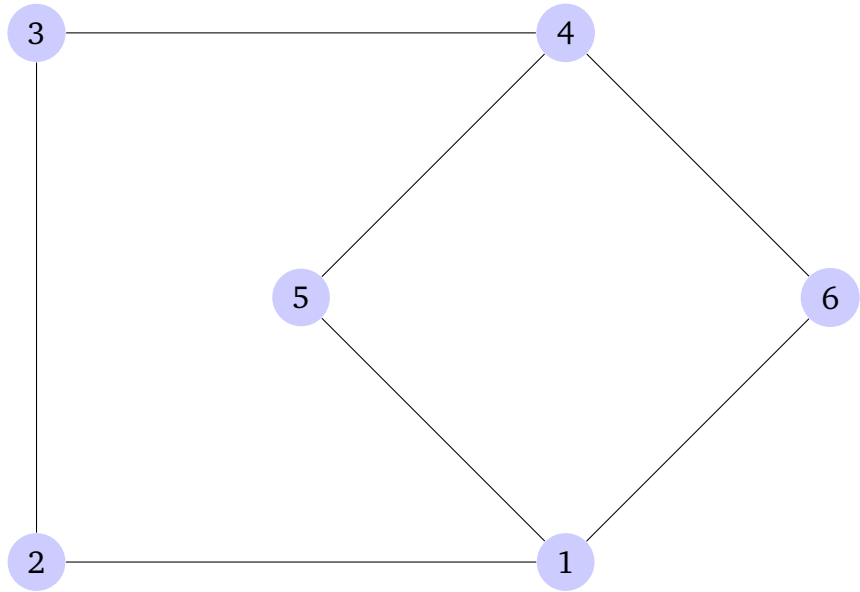


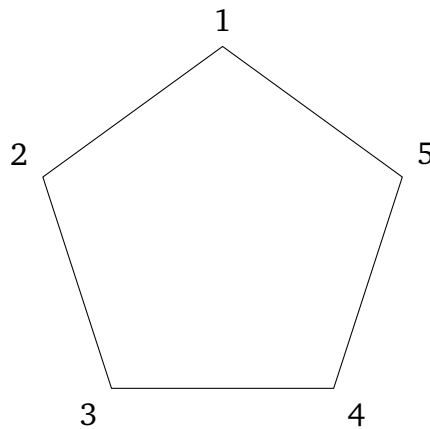
MA 294 - Turn in #3

(1) Determine  $\text{Aut}(\Gamma)$  for the graph  $\Gamma$ :



[5 points]

(2) How many ways are there to color the vertices of a pentagon if one can color each vertex either blue or green?



[15 points]