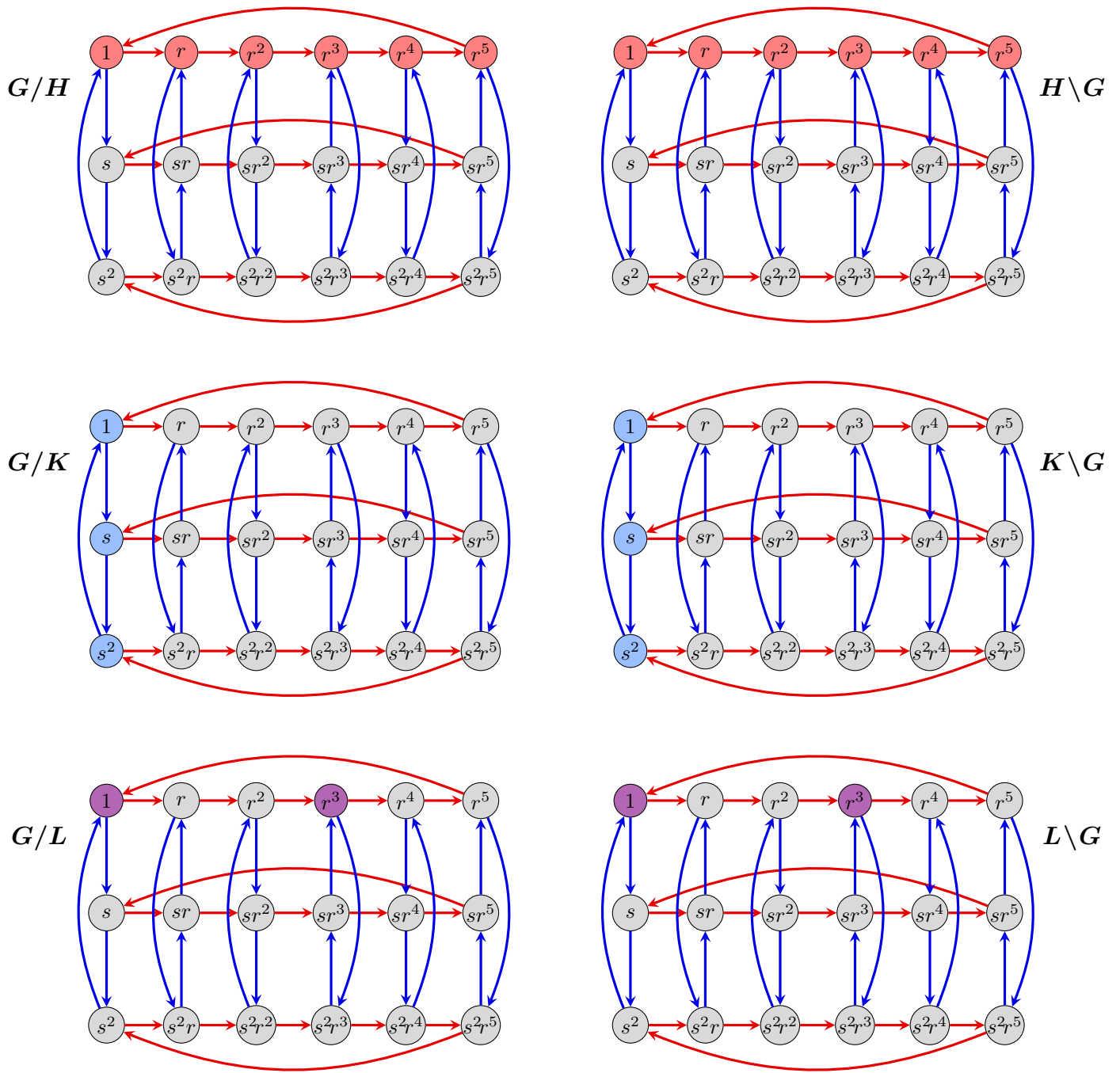
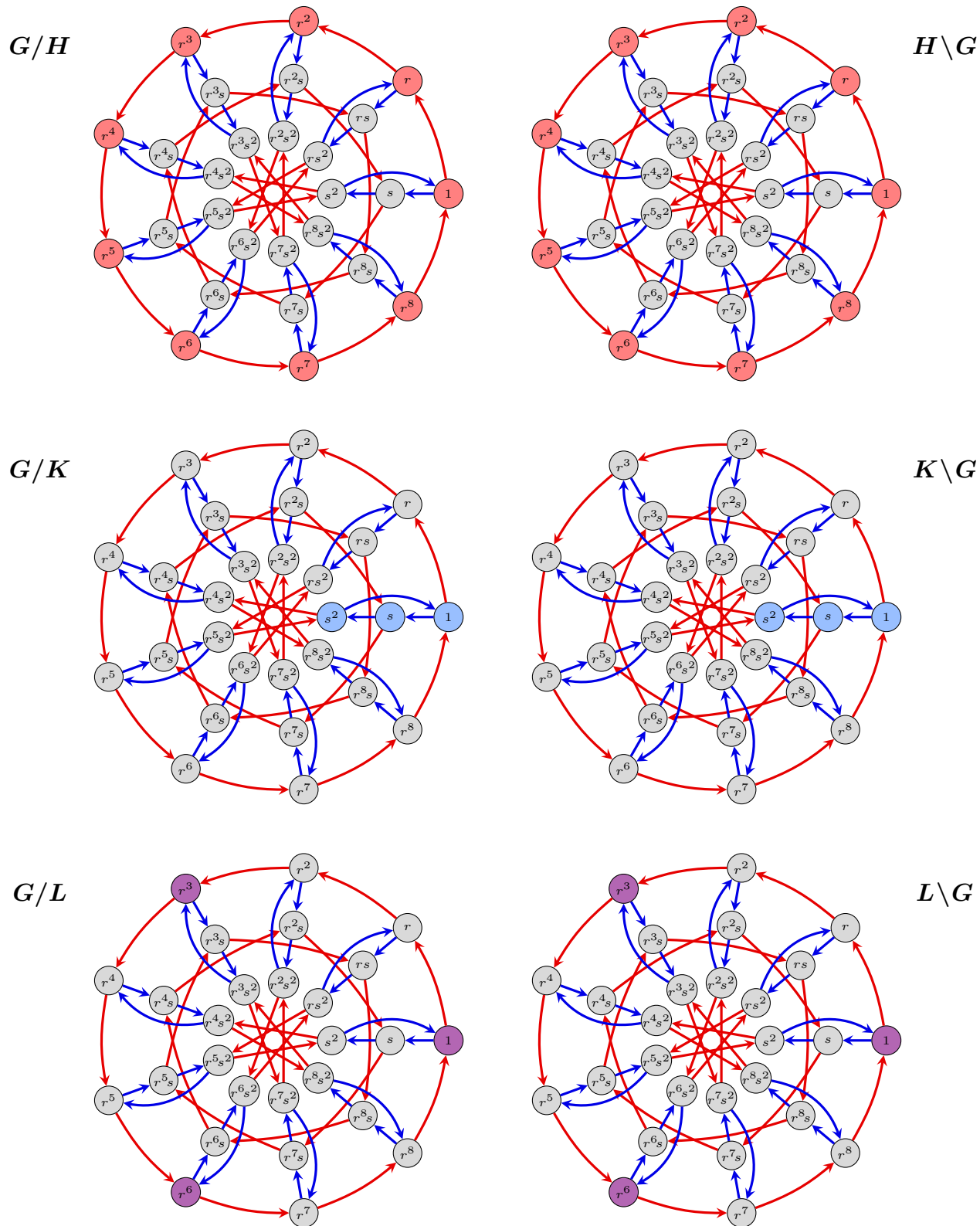


Scratch paper for Math 8510, HW 2

#1(b): Left and right cosets of the subgroups $H = \langle r \rangle$, $K = \langle s \rangle$, and $L = \langle r^3 \rangle$ in an unknown group G of order 18.



#1(b): Left and right cosets of the subgroups $H = \langle r \rangle$, $K = \langle s \rangle$, and $L = \langle r^3 \rangle$ in an unknown group G of order 27.



#5(a): Partition of the subgroups of S_4 into conjugacy classes.

