

Supplemental material for Visual Algebra (Math 4120), HW 7

#1: Cayley table of the quotients of the dihedral group $D_6 = \langle r, f \rangle$ by the subgroups $N = \langle r^3 \rangle$ and $H = \langle r^2 \rangle$.

	N	rN	r^2N	fN	rfN	r^2fN
N						
rN						
r^2N						
fN						
rfN						
r^2fN						
	H					
H						

#1: Cayley table of the quotients of the dicyclic group $\text{Dic}_6 = \langle r, s \rangle$ by the subgroups $N = \langle r^3 \rangle$ and $H = \langle r^2 \rangle$.

	N	rN	r^2N	sN	rsN	r^2sN
N						
rN						
r^2N						
sN						
rsN						
r^2sN						
	H					
H						