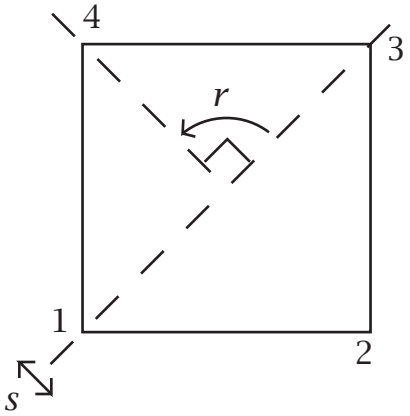
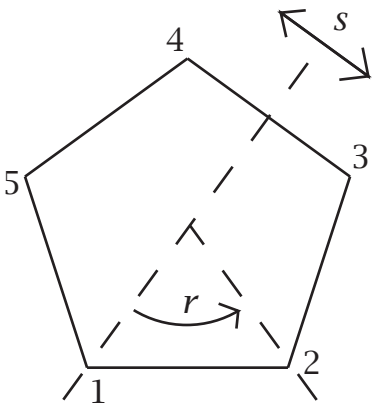
	e	r	r^2	r^3	rs	r^2s	r^3s	s
e								
r								
r^2								
r^3								
rs								
r^2s								
r^3s								
s								

Composition table for D_4 in terms of a generating rotation and reflection.



	e	r	r^2	r^3	r^4	rs	r^2s	r^3s	r^4s	s
e										
r										
r^2										
r^3										
r^4										
rs										
r^2s										
r^3s										
r^4s										
s										

Composition table for D_5 in terms of a generating rotation and reflection.