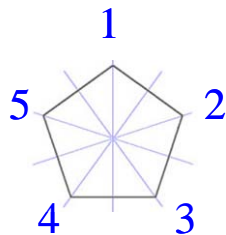


Lesson 3

DIHEDRAL GROUPS – PRACTICE

Consider the regular polygon below.



1. Find $|D_5|$.
2. Find the elements in D_5 . List these elements as permutations.
3. What are the possible orders for subgroups of D_5 ?
4. The dihedral group D_5 has 8 subgroups. Find all the subgroups of D_5 .