Name:	UNI:
Check the boxe	that are followed by correct statements.
Any two of equal.	poits of a group G acting on a set X are either disjoint or
FALSE. TI	zer of the permutation (123) in S_5 has order 3. controlizer is generated by powers of $g=(123)$ and as order 6.
TRUE.	roup of order 50 that has a normal Sylow 2-subgroup. The an abelian group of order 50. Any subgroup romal
	generates a Sylow 3-subgroup of S_4 . $4 = 4! = 4.3.2.1 = 2.33 \Rightarrow A$ sylow 3-subgroup has
	- cycle (234) generates a subgroup of order 3.
☑ Dihedral g	up D_6 is solvable.
TRUE.	Ise the chain of groups D62 C62 [1]
FACSE	F-subgroup of S_4 is abelian. We checked that Dy is a Sylon 2-subgroup on is not abelian.