lame:	Teacher: Date:
PLA	NNING A PROOF Guided Notes
1.	A theorem is a statement that has been proved on the basis of other known theorems and
	generally accepted statements known as
	Axioms are statements that are accepted without
	A theorem is a consequence of axioms.
2.	A is a set of logical arguments used to establish the of a theorem.
	The two types of proofs are and proofs.
	In a direct proof, the statement to be proved is considered
	In an indirect proof, the statement to be proved is assumed
3.	The most commonly used method of proving a theorem is
4.	A two column proof has columns. The first column contains
	and the second column contains
5.	The first step in planning a proof is to write the of the theorem to be
	proved.
6.	The statement that has been proved is written in the step of the proof.
7	Each statement in the proof must have supporting in the proof.