Name:_____

Lecture 5, class activity

We state seven theorems below, each of which is in the form of a quantified proposition.

Part I. On your own, compute the **negation** of the statement in the space provided below each statement.

Part II. Then fill out the tables. For one table, circle the theorem that you think would be easier to prove, if it were true.

Part III. As a class, we will "vote" and discuss what people think.

Which one would be easier to prove (if true)?

A	B	C	D	E	F	G
¬ A	¬ B	¬ C	¬ D	¬ E	¬ F	¬ G

Which one do you think is true?

A	B	C	D	E
¬ A	¬ B	¬ C	¬ D	¬ E