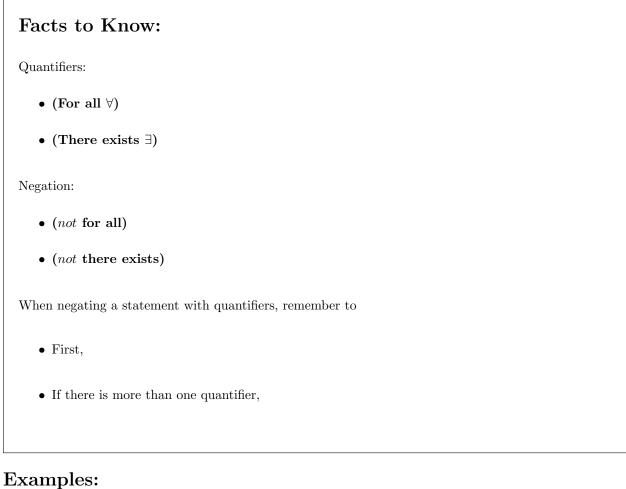
## MATH 140A Review: Quantifiers and Negation



1. Negate the following statement: Every human has an X-chromosome.

2. Negate the following statement: There exists a human with a Y-chromosome.

3.	Negate the following statement: Let $a_n$ be a sequence of real numbers and let $L$ be a real number. For every $\epsilon > 0$ , there exists $N \in \mathbb{N}$ such that for all $n \in \mathbb{N}$ , if $n \geq N$ , then $ a_n - L  < \epsilon$ .