§2.	$6 \ Limits \ at \ I$	Infinity; Horizon	ntal Asympt	otes: Essen	tial Exercis	es	
Find t	he limit or sho	w that it does not	exist.				
38.	$\lim_{x \to \infty} \frac{\sin^2}{x^2 + 1}$	$\frac{x}{1}$					