Name			
		Email	
6. :	1120 Fall 2025	Miniquiz #10	5 Minutes
1.	Suppose we extended IMP to support floating-point values (with the constructor Float(f)) in addition to integers. Now suppose we would like to define a new type of expression [e], which converts the floating-point expression e to an integer value by truncating the decimal part. For instance, the expression [2.3] evaluates to 2 while the expression [-2.3] evaluates to -2.		
	Write inference rules the ceil functions to write yo	at define the expression [e] (assume you ca our inference rules):	n use the standard floor and
		$(\sigma,h,[e]) \rightarrow$	
		$(\sigma,h,[e]) \rightarrow$	

2. Consider the extension to IMP that we saw last lecture, which added block scopes to the language so that braces introduce new local frames. How do scoping rules in this extended version of IMP differ from that of MITScript?