X3.2 Prove that if function f distributes over \uparrow , then f is monotonic.

After trying the question, scroll down to the solution.

Proof:	
	a≤b
=	$b = a \uparrow b$
\Rightarrow	$fb = f(a \uparrow b)$
=	$fb = fa \uparrow fb$
=	$fa \leq fb$

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unnamed generic law generic transparency f distributes over \uparrow unnamed generic law