is a map f that reverses the ordering, in the sense that

**Definition** (Antitone map). An *antitone map* between two posets  $\langle \mathbf{P}, \leq_{\mathbf{P}} \rangle$  and  $\langle \mathbf{Q}, \leq_{\mathbf{Q}} \rangle$ 

, a map j			1116, 111		ciiac
	p	$p_1 \leq_{\mathbf{P}} p_2$	$\Rightarrow$	$f(p_1) \leq_{0}$	$f(p_2)$ .