

Table 1.3. Order Relations*

Property	Relation Type						
	Quasi Order	Weak Order	Simple Order	Strict Simple Order	Strict Weak Order	Partial Order	Strict Partial Order
Reflexive	✓					✓	
Symmetric							
Transitive	✓	✓	✓	✓		✓	✓
Asymmetric				✓	✓		✓
Antisymmetric			✓			✓	
Negatively transitive					✓		
Strongly complete		✓	✓				
Complete				✓			

*A given type of relation can satisfy more of these properties than those indicated. Only the defining properties are indicated.