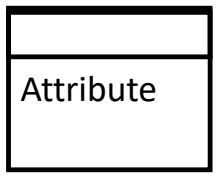
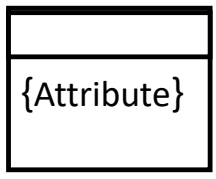
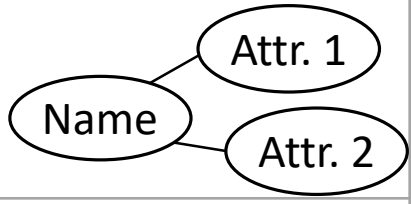
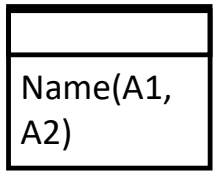
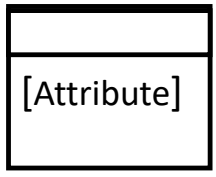
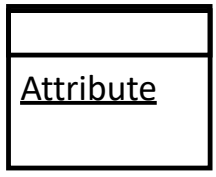
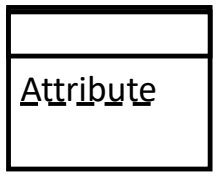
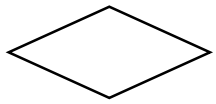
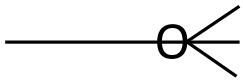
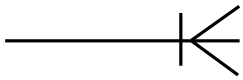
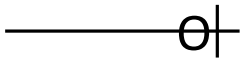
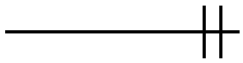
Conceptual Model Mapping

Note: This table shows how to draw **conceptual** models. Do not use the notation marked with * in **physical** models.

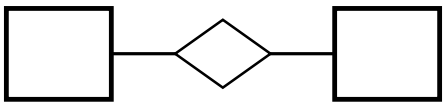
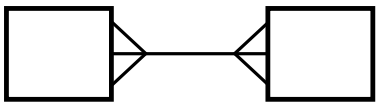
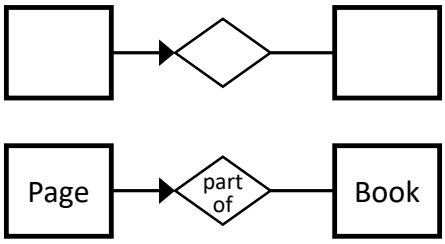
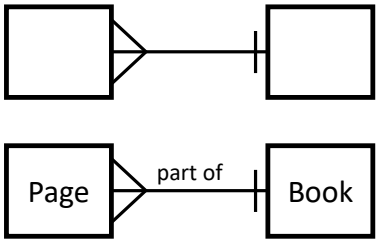
Concept	Chen's notation	Crow's foot notation	
Entity			
Weak Entity			
Attribute			
Multivalued A.			*
Composite A.			*
Derived A.			*
Key A.			*
Weak (or Partial) Key A.			*
Relationship			
Weak (Identify-ing) Relationship			

Relationship Cardinality/Constraints

	Chen's notation	Crow's foot notation
Optional Many 0..m		
Mandatory Many 1..m		
Optional One 0..1		
Mandatory One 1..1		

<u>BINARY Relationship Cardinalities</u>

Here we have just looked at cardinalities and omitted participation constraints (optional/mandatory) for clarity

Many to Many		
One to Many *example:*		
One to One