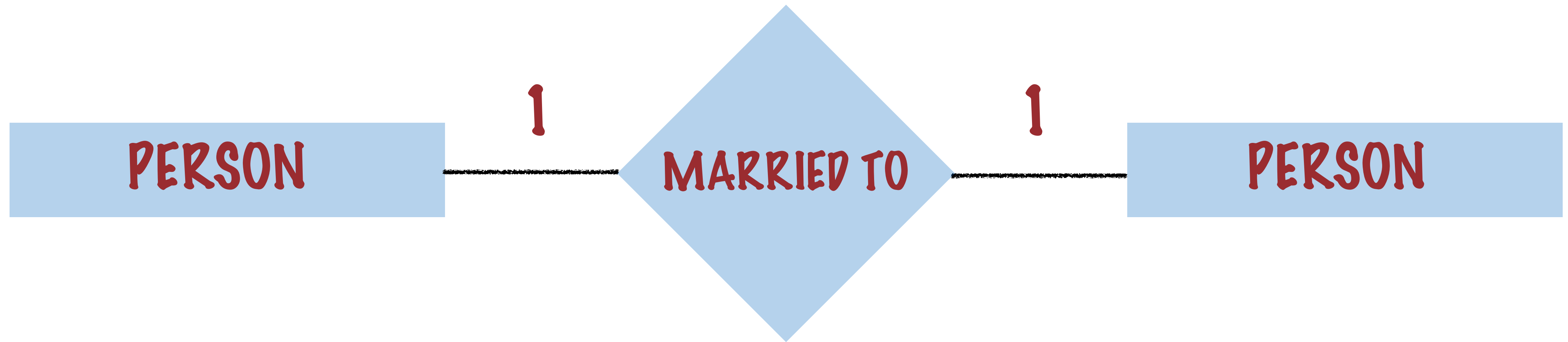


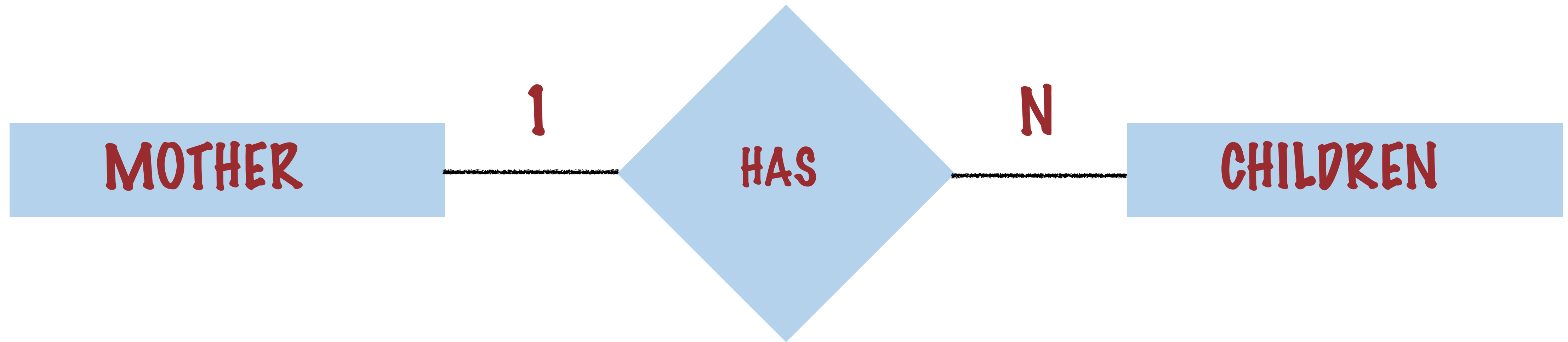
THE E-R MODEL



A RELATIONSHIP IS REPRESENTED BY A DIAMOND

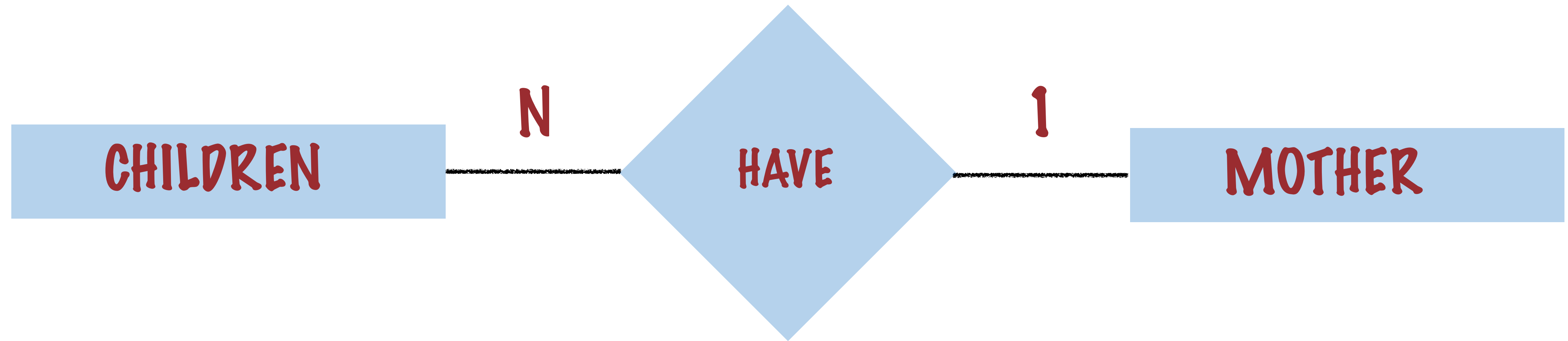
THE 1 ON THE CONNECTIONS REPRESENT THAT
THIS IS A 1:1 RELATIONSHIP

THE E-R MODEL



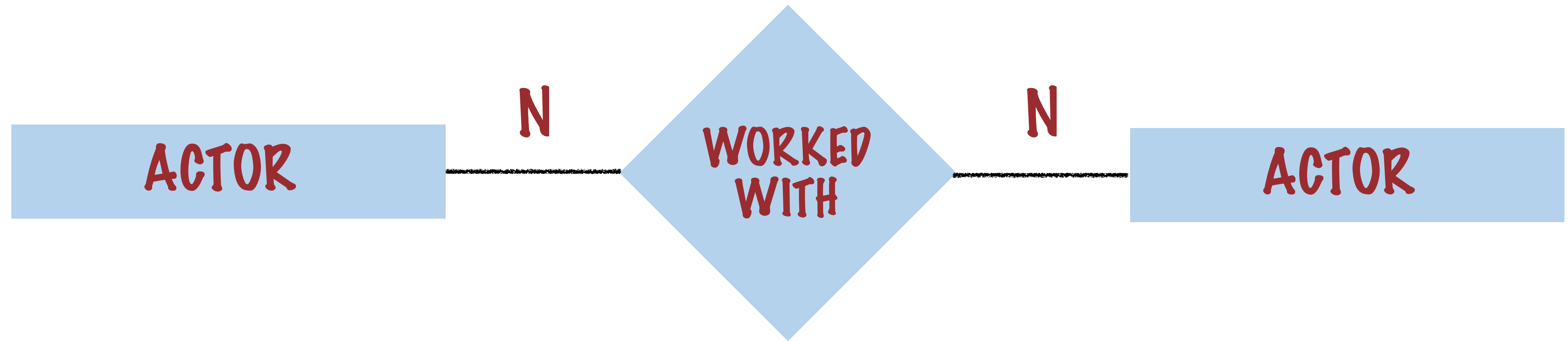
THE 1 AND N ON THE CONNECTIONS REPRESENT
THAT THIS IS A 1:MANY RELATIONSHIP

THE E-R MODEL



THE N AND 1 ON THE CONNECTIONS REPRESENT
THAT THIS IS A MANY:1 RELATIONSHIP

THE E-R MODEL

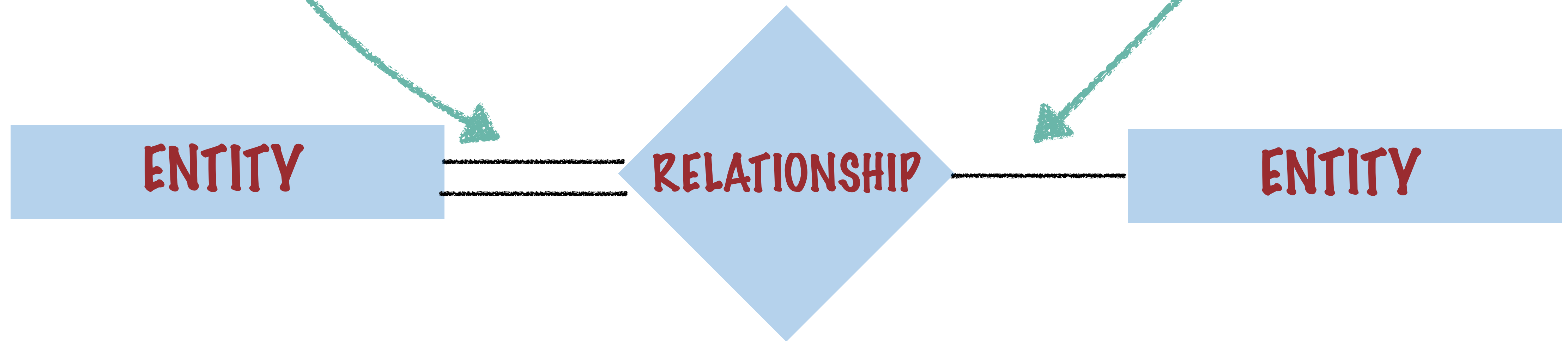


THE N AND N ON THE CONNECTIONS REPRESENT
THAT THIS IS A MANY:MANY RELATIONSHIP

PARTICIPATION

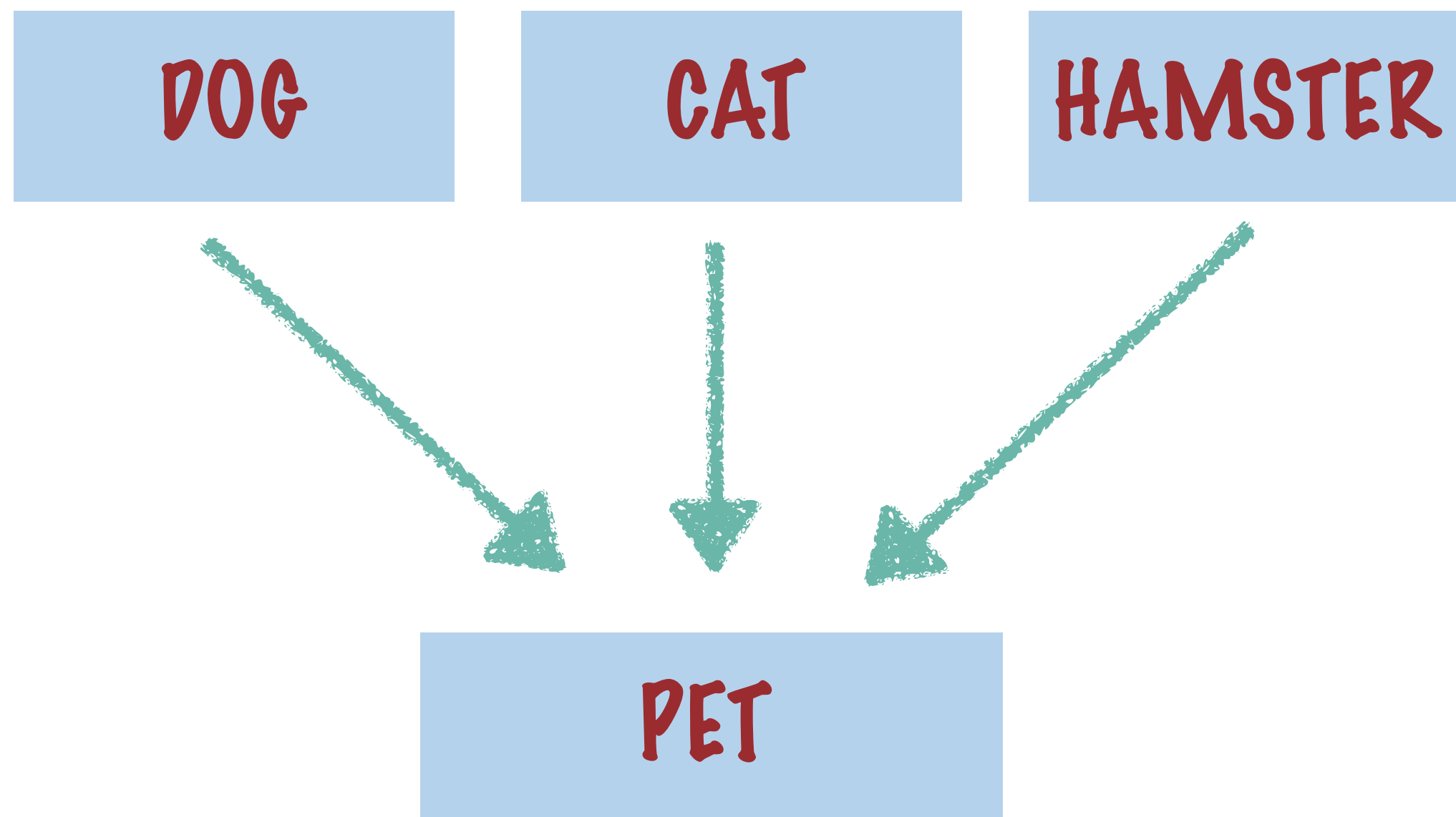
Total participation: If every entity in a set is in the relationship

Partial participation: Not all entities are involved in the relationship



HIERARCHICAL REPRESENTATION

Generalization: Putting together entities to form a more generalized view. Many entities are brought together to form one generalized entity



Specialization: A group of entities is divided into subgroups based on common characteristics within a subgroup

INHERITANCE

