

Fig 7.14

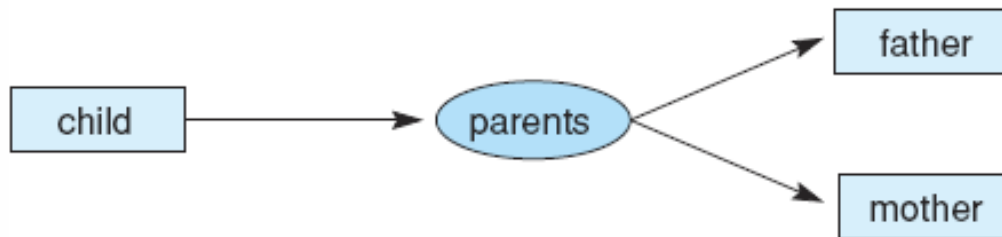
Conceptual relations of different arities.



Flies is a 1-ary relation.



Color is a 2-ary relation.



Parents is a 3-ary relation.

Fig 7.15 Graph of “Mary gave John the book.”

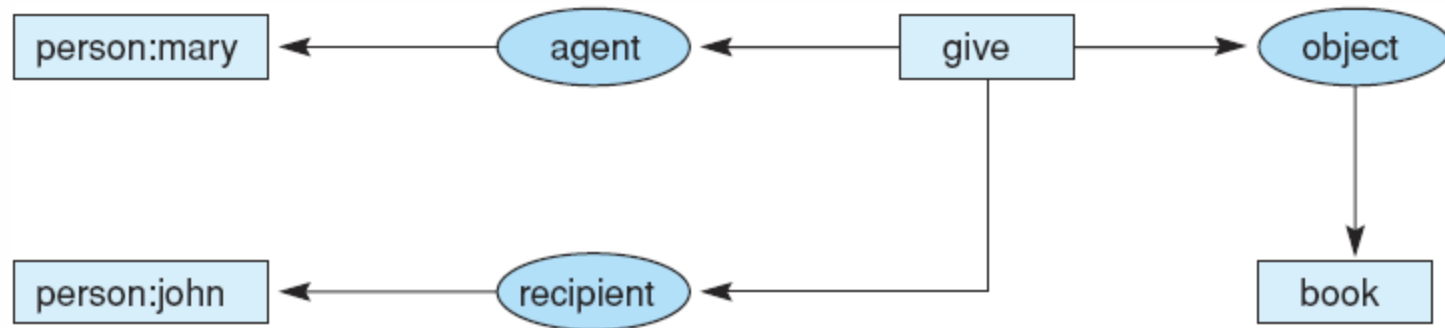


Fig 7.16 Conceptual graph indicating that the dog named Emma is brown.



Fig 7.17 Conceptual graph indicating that a particular (but unnamed) dog is brown.



Fig 7.18 Conceptual graph indicating that a dog named Emma is brown.

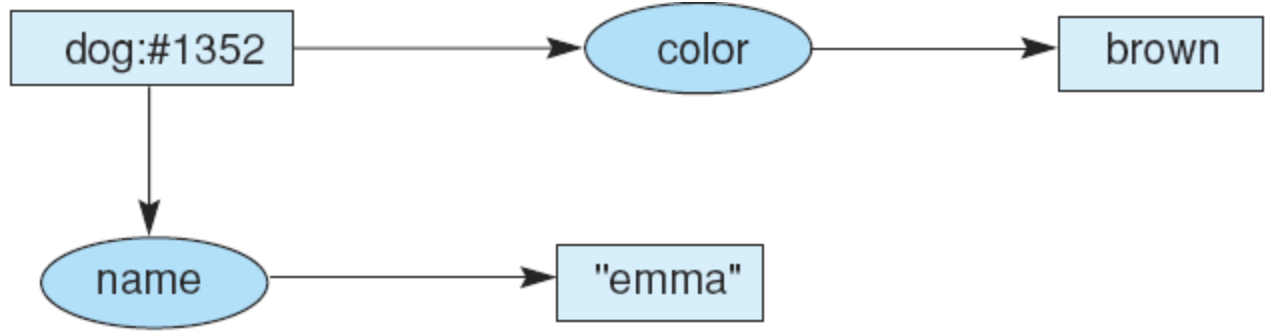


Fig 7.19 Conceptual graph of a person with three names.

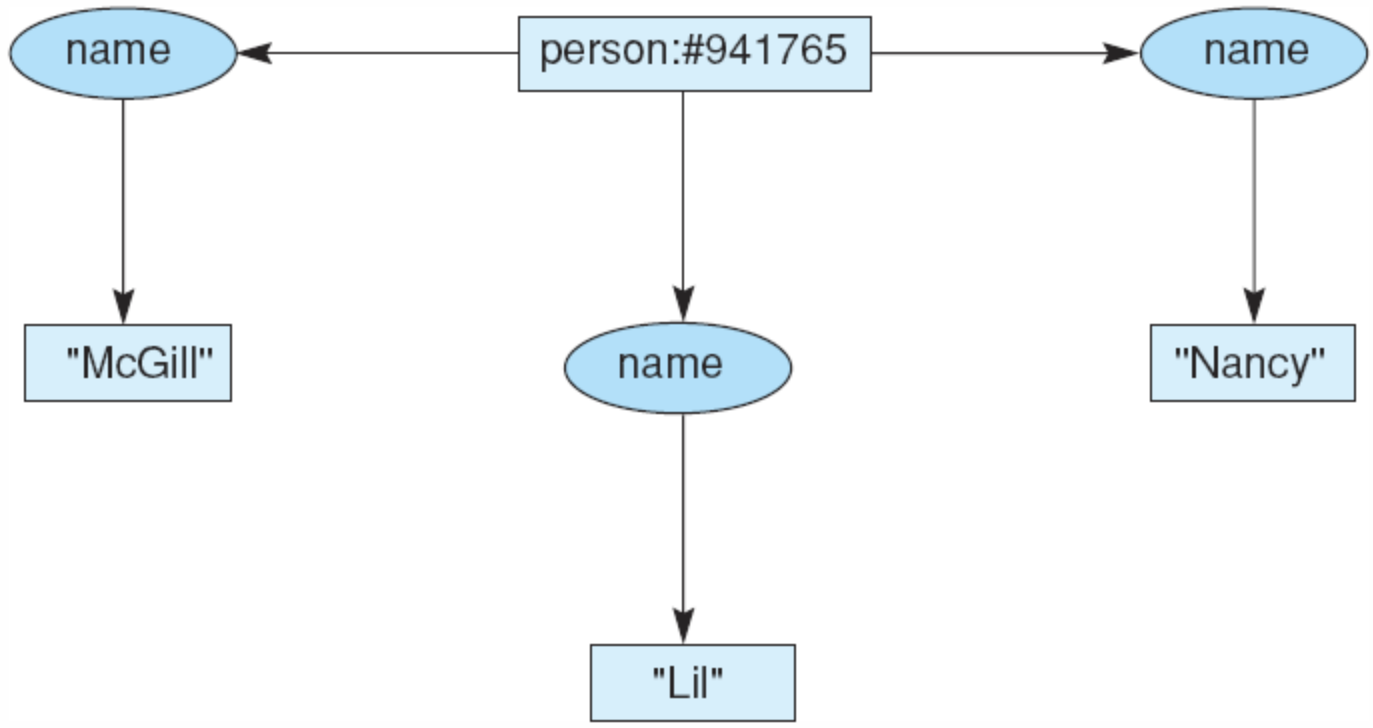


Fig 7.20 Conceptual graph of the sentence “The dog scratches its ear with its paw.”

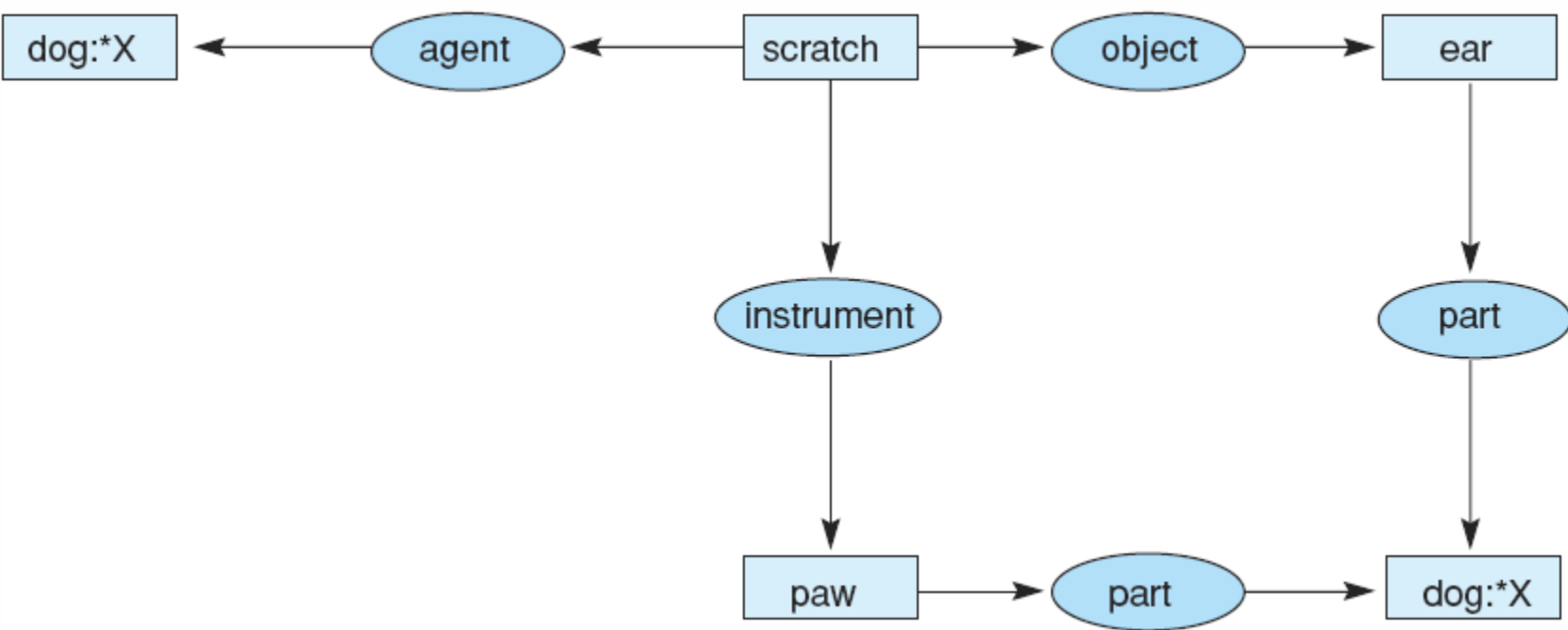


Fig 7.22 Examples of restrict, join, and simplify operations.

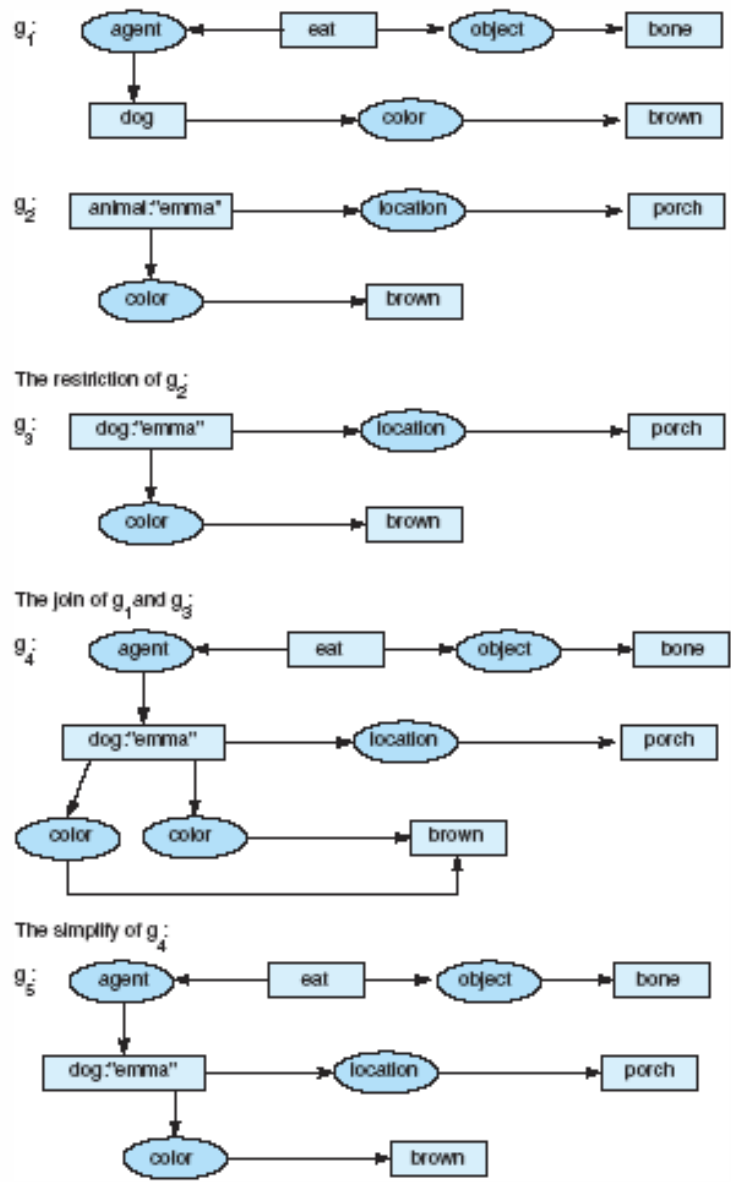


Fig 7.23 Inheritance in conceptual graphs.

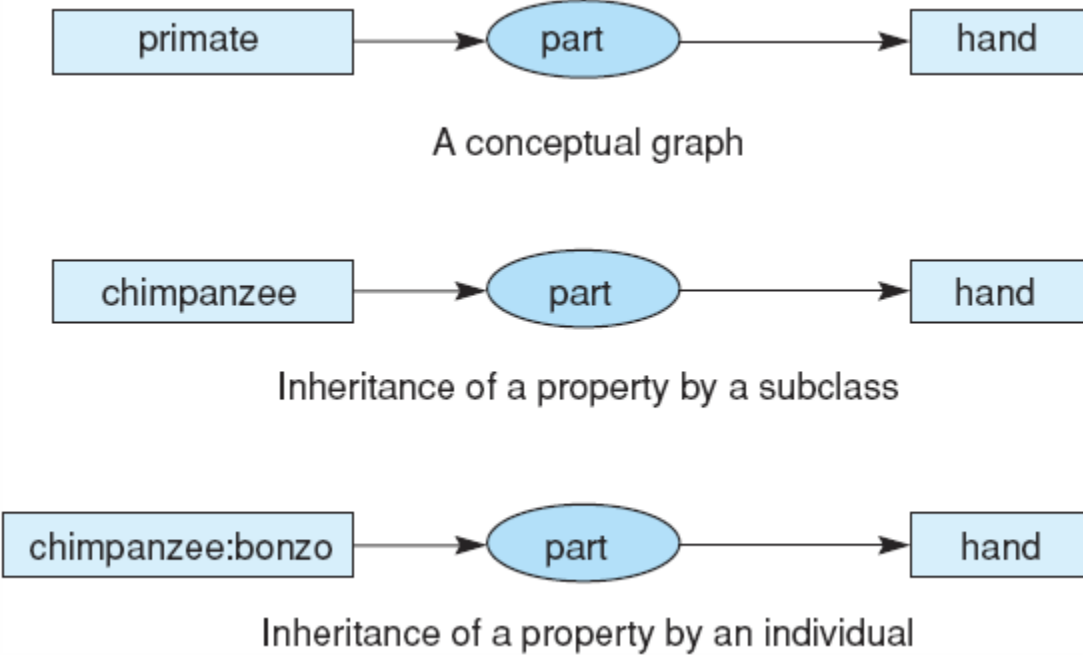


Fig 7.24 Conceptual graph of the statement “Tom believes that Jane likes pizza,” showing the use of a propositional concept.

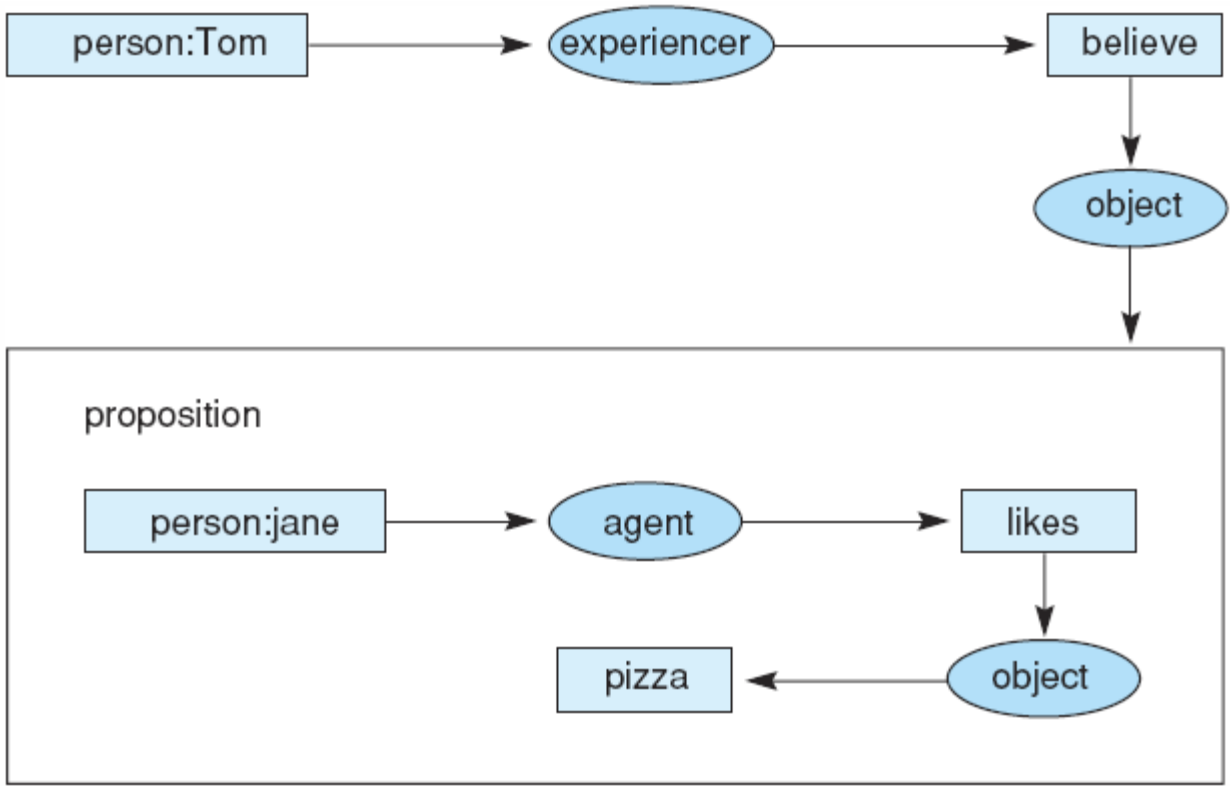


Fig 7.25 Conceptual graph of the proposition “There are no pink dogs.”

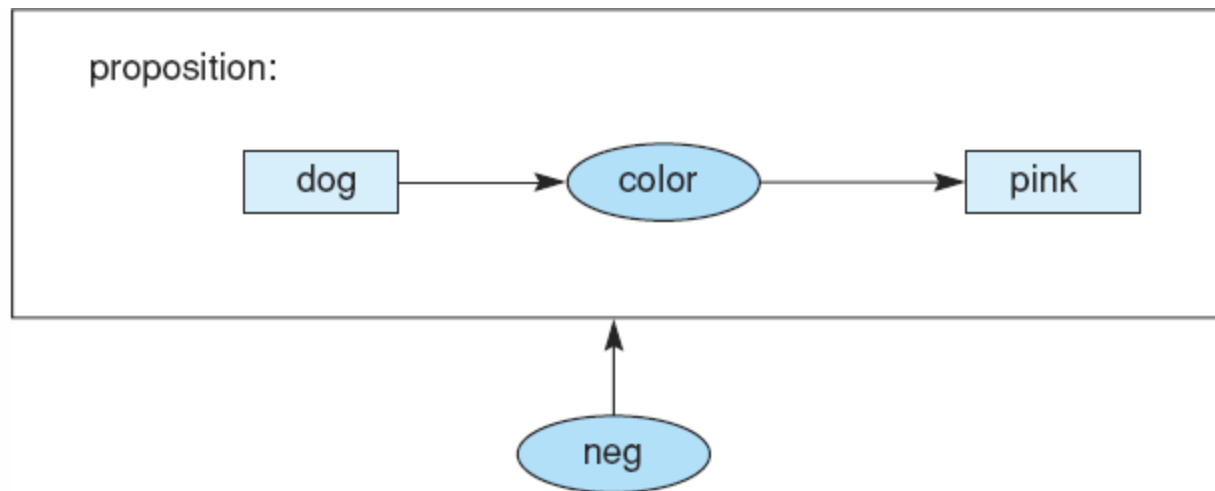


Fig 7.29 Two conceptual graphs to be translated into English.

