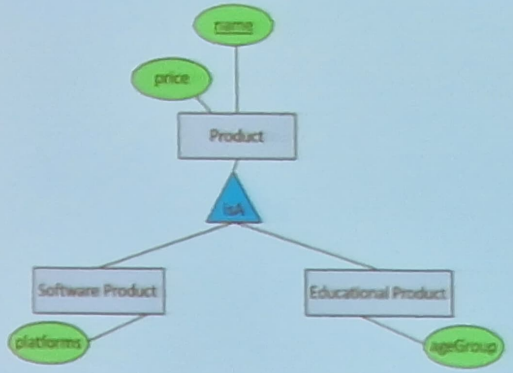


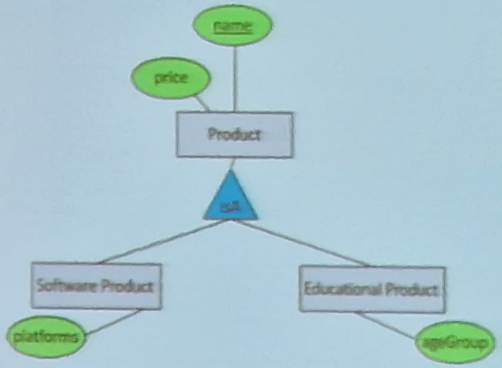
Which of the following is not true about the model

a. Software product is a subclass of product

b. Product "is a" software product

c. Educational product is a child of product

d. Product is a generalized superclass



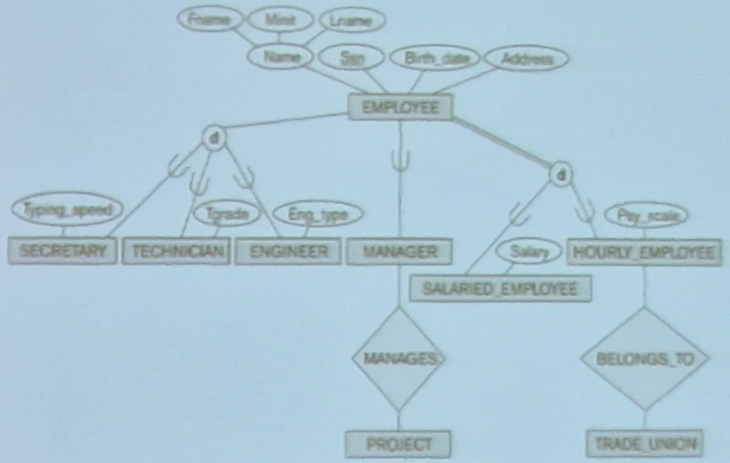
The software product entity has the following attributes

a. Name, price, and ageGroup

b. Price, name, platforms, and ageGroup

c. Price, name, and platforms

d. Product, software product, educational product



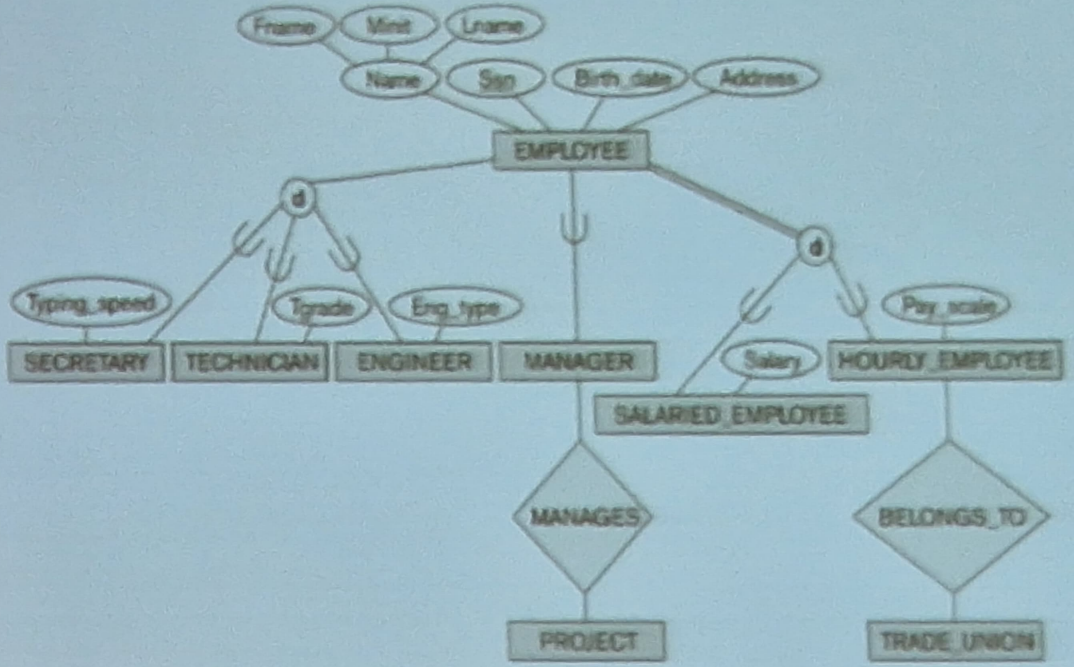
How many specialization of Employee are shown in the EERD

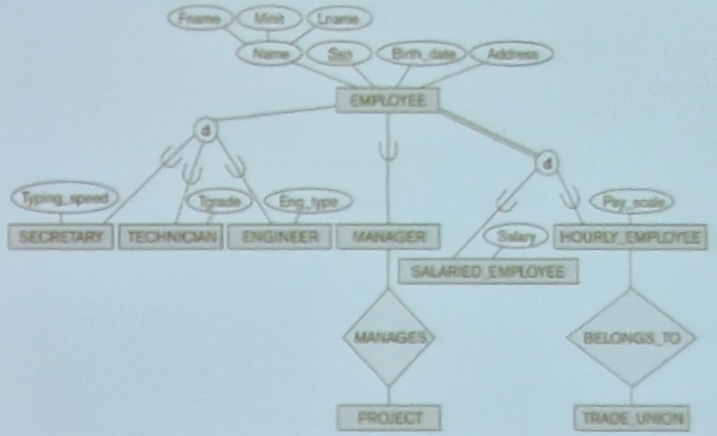
a. 4

b. 5

c. 7

d. 2


Fname
Minit
Lname
Name
Ssn
Birth_date
Address
EMPLOYEE
d
d
Typing_speed
Tgrade
Eng_type
Pay_scale
SECRETARY
TECHNICIAN
ENGINEER
MANAGER
Salary
HOURLY_EMPLOYEE
SALARIED_EMPLOYEE
MANAGES
BELONGS_TO
PROJECT
TRADE_UNION



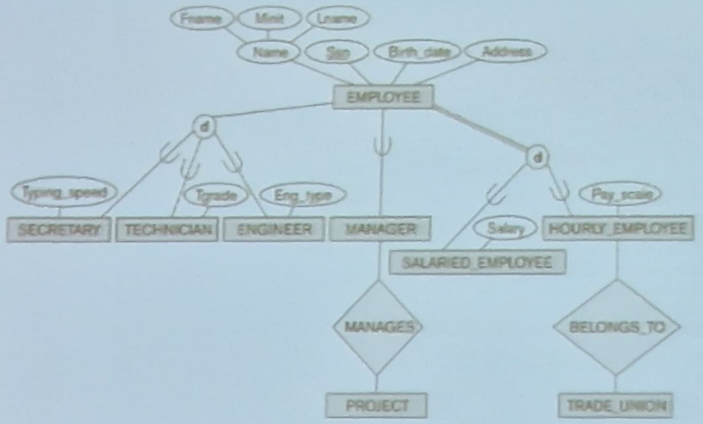
___ is not a specialization of Employee

a. Secretary

b. Manager

c. Engineer

d. Project



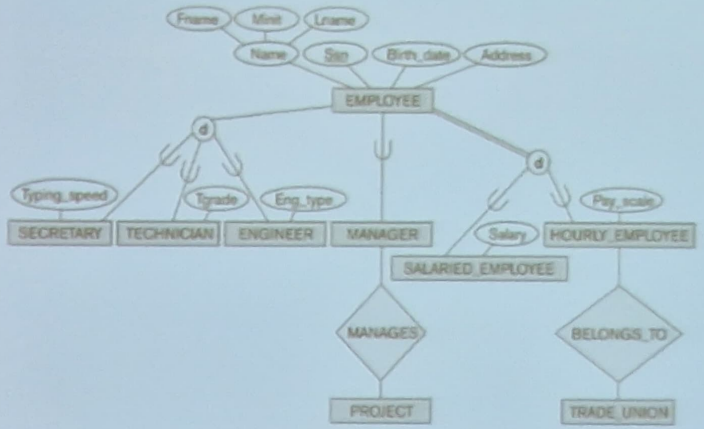
Without counting any subclass entity, how many entities are shown in the EERD?

a. 4

b. 5

c. 3

d. 2



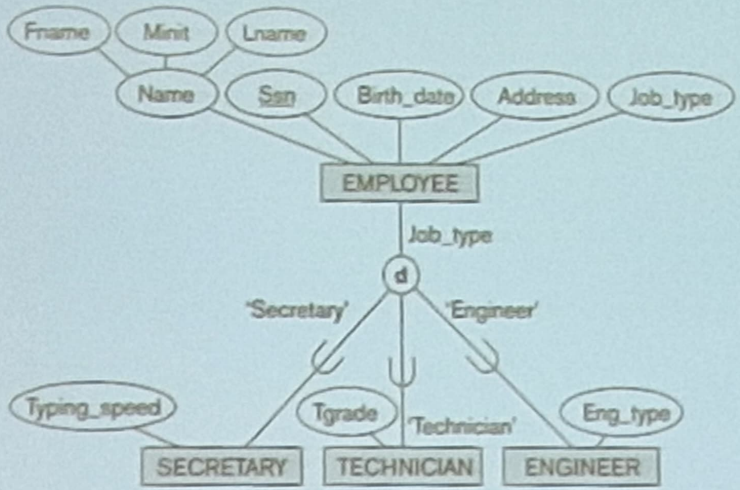
The following are local attributes belonging to the Employee subclasses

a. Typing_speed, Tgrade, and Eng_type

b. Salary, Pay_scale, and Employee

c. Employee, Project, and Trade_union

d. Employee, Manager, and Project



The 3 subclasses of Employee are all attribute defined specialization based on the ___ attribute

a. Ssn

b. Name

c. Job_type

d. disjoint

The basic constraints that can apply to specialization/generalization are

a. Disjoint, IS-A, and Overlapping
b. Total and Partial
c. Specialization and Generalization
d. Disjointness, Overlapping, and Completeness

If the subclasses are disjoint, then an entity occurrence can be a member of ___

a. Only one of the subclasses
b. Many subclasses
c. All of the above
d. None of the above

___ applies when an entity occurrence may be a member of more than one subclass

a. Overlapping constraint
b. Disjoint constraint
c. Total constraint
d. Partial constraint

Which of the following is a disjoint constraint

a. {mandatory}
b. {or}
c. {and}
d. {optional}

Which of the following is an overlapping constraint

a. {mandatory}
b. {or}
c. {and}
d. {optional}

Which of the following is a completeness total constraint

a. {mandatory}
b. {or}
c. {and}
d. {optional}

A subclass with more than one superclass is called a ___

b

a. Tree subclass
b. Specialized subclass
c. Shared subclass
d. Generalized subclass

In a lattice or hierarchy, a subclass inherits attributes not only of its direct superclass, but also of all its predecessor

a. Subclasses
b. Superclasses
c. All of the above
d. None of the above