

1.

π make_name, model_name ($(\pi$ model_id, model_name (σ first_production_year
 $= 1976$ (Model) \bowtie model_id = fk_model_id (π fk_make_id (Vehicle))
 \bowtie fk_make_id = make_id (π make_name (Make)))

2.

π make_name, model_name (((π model_name (Model))
 \bowtie model_id = fk_model_id π vehicle_id, fk_make_id (Vehicle))
 \bowtie fk_make_id = make_id π make_name (Make)) \bowtie
 vehicle_id = fk_vehicle_id (π color_id (σ name = Blue (Color))
 \bowtie color_id = fk_color_id (π vehicle_id (Inventory))))

3.

π make_name, model_name, ~~incentive~~ amount (CCCC π model_name (Model))
 \bowtie model_id = fk_model_id π vehicle_id, make_id (Vehicle))
 \bowtie make_id = ~~fk~~ make_id π make_name (make))
 \bowtie vehicle_id = fk_vehicle_id (π vehicle_id (Vehicle Incentive)
 ~~\bowtie~~ fk_incentive_id = incentive_id (π incentive_id, amount
 (σ type = dealer (incentive))))))

4. Π player.id, Team.name, City.name

σ player.score = 100 (Player \bowtie player.team_id =

Team.id Team \bowtie Team.city_id = City.id City)

5.

Select make.make_name, model.model_name, incentive.amount
From incentive

Inner Join model On Vehicle.model_id = model_id

Inner Join make On Vehicle.make_id = make_id

INNER JOIN Vehicle ON Vehicle.Incentive.vehicle_id = Vehicle_id

INNER JOIN Vehicle incentive ON Incentive.incentive_id = incentive_id

WHERE Incentive.type = dealer