Data Structure: VehicleState

Consider the following definition for a data structure called VehicleState:

Choose one of your above instances, and note which dot-accessors you would use to access each of its fields:

vehicleB = vehicle("Ford", 1990, "green", 12000)

vehicleA.model	
<u>vehicleA.year</u>	
vehicleA.color	
vehicleA.price	

Which of the following are functions that could be written based on the data definition for **VehicleState**? Check all that apply

```
# same-license : VehicleState, String -> Boolean
# Consumes a VehicleState and String, produces true if the
# given VehicleState's license plate is the same as the
# given String
# how-old : VehicleState, Number -> Number
# consumes a VehicleState and a year. Produces the age of
# the vehicle by subtracting its year from the given year.
# more-expensive : VehicleState, VehicleState -> Boolean
# consumes two VehicleStates and produces true if the first
# VehicleState is more expensive than the second
# is-under-warranty : VehicleState -> Boolean
# Consumes a VehicleState, produces true if the given
# VehicleState has a mileage of less than 100,000 miles
# paint-job : VehicleState -> VehicleState
# Consumes a VehicleState and produces a VehicleState which
# is the same as the given VehicleState, but painted red
```