

person (*driver_id*, *name*, *address*)
car (*license*, *model*, *year*)
accident (*report_number*, *date*, *location*)
owns (*driver_id*, *license*)
participated (*report_number*, *license*, *driver_id*, *damage_amount*)

Figure 3.18 Insurance database for Exercises 3.4 and 3.14.

- 3.4 Consider the insurance database of Figure 3.18, where the primary keys are underlined. Construct the following SQL queries for this relational database.
- Find the total number of people who owned cars that were involved in accidents in 2009.
 - Add a new accident to the database; assume any values for required attributes.
 - Delete the Mazda belonging to “John Smith”.
- 3.14 Consider the insurance database of Figure 3.18, where the primary keys are underlined. Construct the following SQL queries for this relational database.
- Find the number of accidents in which the cars belonging to “John Smith” were involved.
 - Update the damage amount for the car with the license number “AABB2000” in the accident with report number “AR2197” to \$3000.