Draw Venn diagram based on the data provided and answer the questions that follow.

1) A car dealer in Paoli has 88 vehicles that are black in color, 65 hybrid cars and 103 sedans.
   - 17 sedans are black in color but not of hybrid type;
   - 20 hybrid vehicles are black in color but not of sedan type;
   - 11 sedans are of hybrid type but not in black color; and
   - 6 sedans are of the hybrid type and are black in color.

a) How many sedans are black in color?

b) Excluding sedans, how many vehicles are either hybrid or black in color?

c) Find the number of sedans that are not hybrids.

d) How many sedans including hybrids are not black in color?

e) List the number of black vehicles that do not belong to the hybrid category.

f) How many hybrid vehicles do not come under the category of sedans?

g) Write down the total number of vehicles stocked by the car dealer.

h) Find the number of black vehicles that belong to the hybrid category.
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   h) Find the number of black vehicles that belong to the hybrid category.

   - 23 sedans
   - 93 vehicles
   - 86 sedans
   - 11 sedans
   - 62 black vehicles
   - 48 hybrid vehicles
   - 196 vehicles
   - 26 black vehicles