Drawing Venn Diagram - With Universal Set

Draw: S5

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

- 1) A car dealership received customer complaints with regard to the 2017 model of a particular luxury car brand. The complaints included defective frontal air bags, seat belt defects and faulty side marker lights.
 - 43 complaints received were with regard to defective frontal air bags;
 - 27 complaints registered were in connection with seat belt defects;
 - 26 complaints made were in connection with faulty side marker lights;
 - 10 complaints were registered for both defective air bags and seat belts but not for side marker lights;
 - 2 customers complained of seat belt defects and faulty side marker lights but not for air bags;
 - 7 complaints included both defective air bags and faulty side marker lights but not for seat belts;
 - 3 customers registered complaints for all three problems; and
 - 4 customers registered complaints with regard to premature brake failure.

PREVIEW Gain complete access to the largest collection of worksheets in all subjects! Members, please log in to download this worksheet. Not a member? Please sign up to gain complete access.

a) How many customers frontal air bags?

b) Find the number of co at least two of the thr

c) How many complaint side marker lights?

d) Write down the numb frontal air bags or defective seat beits.

e) How many customers registered complaints about only defective seat belts?

f) Find the number of complaints made with regard to either defective frontal air bags or faulty side marker lights.

g) How many customers made complaints for neither defective frontal air bags nor defective seat belts?

h) Find the number of complaints that were made for neither faulty side marker lights nor for defective seat belts.

frontal air bags?

seat belts?

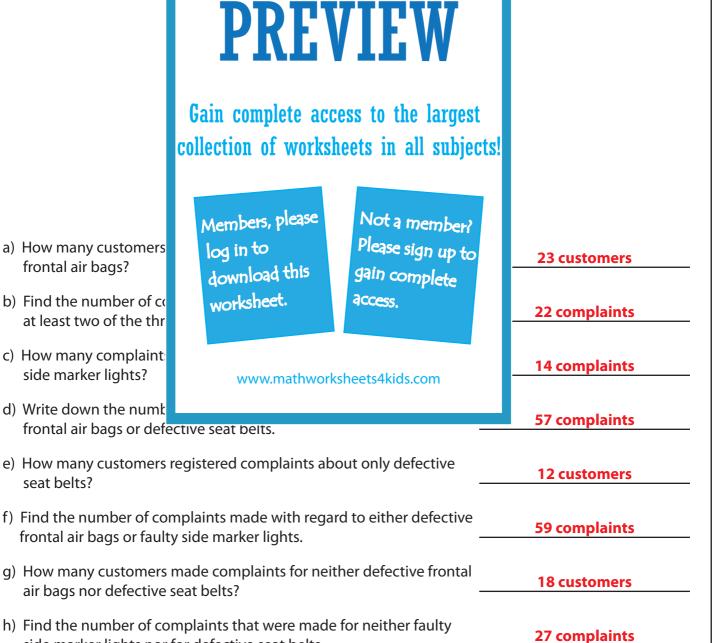
Answer Key

Drawing Venn Diagram - With Universal Set

Draw: S5

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

- 1) A car dealership received customer complaints with regard to the 2017 model of a particular luxury car brand. The complaints included defective frontal air bags, seat belt defects and faulty side marker lights.
 - 43 complaints received were with regard to defective frontal air bags;
 - 27 complaints registered were in connection with seat belt defects;
 - 26 complaints made were in connection with faulty side marker lights;
 - 10 complaints were registered for both defective air bags and seat belts but not for side marker lights;
 - 2 customers complained of seat belt defects and faulty side marker lights but not for air bags;
 - 7 complaints included both defective air bags and faulty side marker lights but not for seat belts;
 - 3 customers registered complaints for all three problems; and
 - 4 customers registered complaints with regard to premature brake failure.



side marker lights nor for defective seat belts.