

Name : _____

Drawing Venn Diagram - With Universal Set

Draw: S1

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

- 1) The students in an elementary school have the following features:
 - 18 students have only blond hair;
 - 25 students have only blue eyes;
 - 11 students have only long hair;
 - 16 students have blond hair with blue eyes but not long hair;
 - 8 students have blue eyes with long hair but do not have blond hair;
 - 4 students have long and blond hair but not blue eyes;
 - 5 students have blue eyes with long and blond hair; and
 - 7 students do not have blue eyes, blond hair or long hair.

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- a) How many students have only blue eyes? _____
- b) What is the total number of students? _____
- c) Find the number of students who have only long hair. _____
- d) How many students have only blond hair? _____
- e) List down the number of students who have neither blue eyes nor blonde hair. _____
- f) How many students do not have blue eyes? _____
- g) Write down the number of students who have either blue eyes or long hair. _____
- h) Find the number of students who have at least 2 of the 3 features provided in the data. _____