

Name : _____

Drawing Venn Diagram - Without Universal Set

Draw: S2

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

- 1) A survey was conducted among the students of Grade 8 to find their favorite music genres.
- Twenty-two students like rock music;
 - 35 students enjoy jazz;
 - 29 students like hip hop;
 - 5 students enjoy rock and jazz music but not hip hop;
 - 3 students like rock and hip hop but not jazz;
 - 7 students enjoy jazz and hip hop but not rock music; and
 - 4 students like all three genres of music.

PREVIEW

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a) How many students a

b) Find the number of st

c) How many students e

d) How many students li
genres of music?

e) Find the number of students who enjoy hip hop and jazz.

f) How many students listen to either rock or hip hop music?

g) List the number of students who prefer only hip hop.

h) List down the number of students who are diehard fans of rock music.

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- | | |
|---|--------------------|
| a) How many students a | 7 students |
| b) Find the number of st | 63 students |
| c) How many students e | 9 students |
| d) How many students li
genres of music? | 19 students |
| e) Find the number of students who enjoy hiphop and jazz. | 11 students |
| f) How many students listen to either rock or hip hop music? | 44 students |
| g) List the number of students who prefer only hip hop. | 15 students |
| h) List down the number of students who are diehard fans of rock music. | 10 students |