

Name : _____

Drawing Venn Diagram - Without Universal Set

Draw: S1

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

- 1) Stroudsburg middle school awarded 21 medals to students who excelled in art and 35 medals to students for proficiency in dramatics. Fifteen students received medals in both the categories. Represent the data in a Venn diagram.

a) How many medals

b) What number of students
in art alone?

c) How many students
dramatics?

- 2) During a buffet breakfast, 110 diners were served coffee and 33 diners opted for juice. Eleven diners were provided.

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110 diners opted for coffee and 33 diners opted for juice. Eleven diners were provided.

a) How many diners preferred to drink only coffee?

b) Find the total number of diners that were present at the buffet.

c) How many diners did not consume coffee?
