

Name : _____

Drawing Venn Diagram - With Universal Set

Draw: S1

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

- 1) Twenty students in a group of 40 at Dawn High elect for a course in statistics (S). Eleven students take up linear algebra (L). Five students enrolled for both courses. Represent the data in the Venn diagram below.

a) How many stud _____

b) Find the numbe
at least one of t _____

c) How many stud
two courses? _____

- 2) In a group of 24 fri
both sports. Repre _____

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ay baseball (B). Two play _____

a) How many of them play only golf? _____

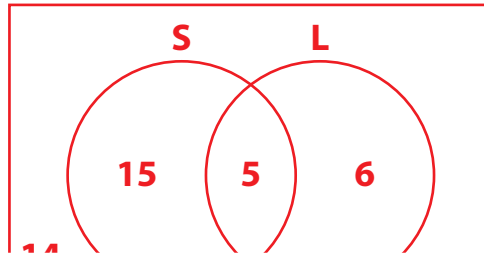
b) Find the number of friends who play sports other than golf and baseball. _____

c) How many of them prefer to play only baseball? _____

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

- 1) Twenty students in a group of 40 at Dawn High elect for a course in statistics (S). Eleven students take up linear algebra (L). Five students enrolled for both courses. Represent the data in the Venn diagram below.



- a) How many students enrolled for statistics only?
 b) Find the number of students who enrolled for at least one of the two courses?
 c) How many students enrolled for neither of the two courses?

15 students

26 students

14 students

- 2) In a group of 24 friends, 9 play golf (G) and 11 play baseball (B). Two play

both sports. Represent the data in the Venn diagram below.

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- a) How many of them play only golf?

9 friends

- b) Find the number of friends who play sports other than golf and baseball.

6 friends

- c) How many of them prefer to play only baseball?

7 friends