

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 students take up linear algebra?
b) Find the number of students who take up at least one of the two courses?
c) How many students take up both the two courses?
- 2) In a group of 24 friends, 12 play golf (G) and 10 play baseball (B). Two play both sports. Represent the data in the Venn diagram below.

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.

www.mathworksheets4kids.com

- 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? _____