

Unit 7- Lesson 1 Homework (Venn Diagrams)

1-A sample of people were asked whether they like to jog or do aerobic classes as a form of exercise.

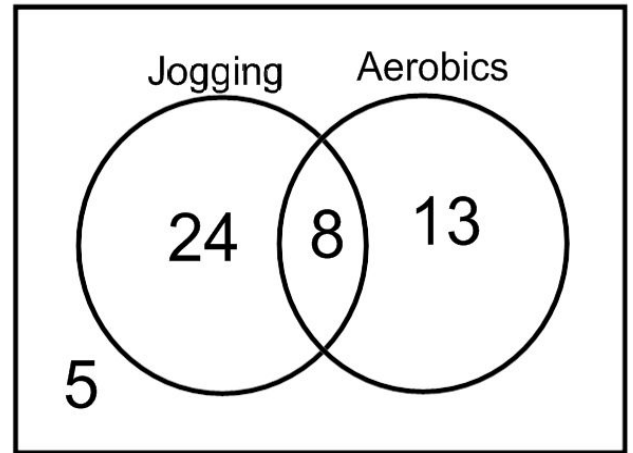
A..How many people like jogging?

B.How many people like jogging and aerobics?

C.How many people like jogging or aerobics?

D.How many people like aerobics, but not jogging?

E.How many people do not like either?



2- The data from a survey of 50 students. students were asked whether or not they were taking a foreign language and whether or not they played a sport. 37 students choose to take foreign language, and 24 students choose a sports class. 14 students registered for both classes. Draw a venn diagram and find the following:

A. How many students are taking a foreign language?

B. How many students play a sport?

C. How many students do both?

D. How many students do not play a sport and do not take a foreign language?

E. How many students play a sport but do not take a foreign language?