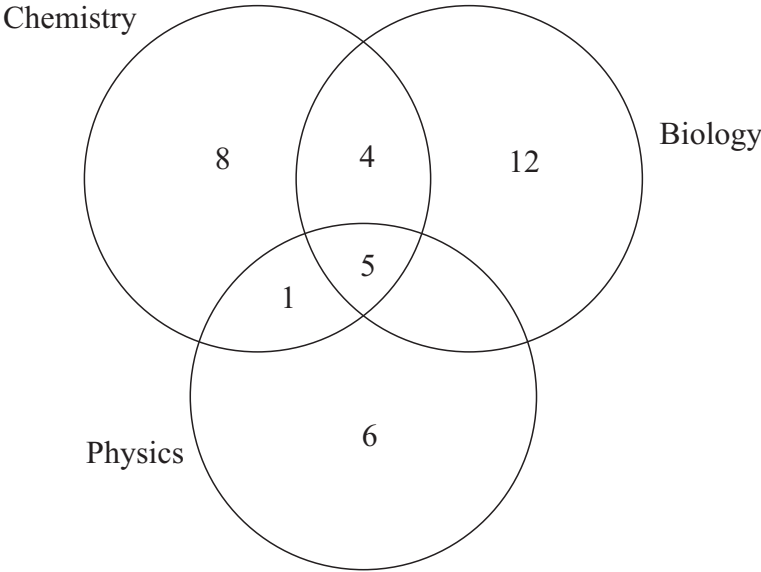


Venn Diagrams

1) The Venn diagram shows the number of students studying one or more of the sciences Chemistry, Biology and Physics.



- a) How many students are represented in this Venn diagram?
- b) How many students are studying exactly two sciences?
- c) What is the probability that a student chosen at random is not studying Physics?

2) There are 31 student who study languages.
 All 31 study at least one of Spanish, French or German.
 4 study all three languages.
 9 study Spanish and French.
 7 study French and German.
 6 study Spanish and German.
 7 study only French and 5 study only German.
 Complete the Venn diagram to show this information.

