

November 14th

There are 34 students in a sixth form. 28 study maths, 19 study physics, 11 study biology and 17 study chemistry.

All the students study at least one of the four subjects; 12 study only one of the subjects, 8 study exactly two subjects and 9 study exactly three subjects.

How many students study all four subjects?



$$12 + 8 + 9 = 29$$

Therefore **5** study all 4!