Choosing Classes

An intermediate school has ten classes with 24 students in each.

Instead of regular classes, it is offering 6 ‘electives’ for a week when 20% of the students will be away for an interschool sports exchange.

0.125 of the students who will remain at school, have chosen to take elective A.
One sixth chose elective B.
The rest of the students all chose the four electives, C, D, E and F in an exactly even split.

How many students can the teachers taking C expect in their elective?

1. Find many students who will be attending the electives.
2. Find the number of students (from your answer to 3) who chose elective A.
3. Find the number of students (from your answer to 3) who chose elective B.
4. Share the remaining students amongst the remaining electives, and so find how many will be in elective C.