1) At a certain school of 200 students, the students can study French, Spanish, both or neither. Just as many study both as study neither.  One quarter of those who study Spanish also study French.  The total number who study French is 10 fewer than those who study Spanish only.   How many students study French only?

(A) 30  
(B) 50  
(C) 70  
(D) 90  
(E) 120

2) In a company of 300 employees, 120 are females.  A total of 200 employees have advanced degrees, and the rest have a college degree only.  If 80 employees are males with college degree only, how many are females with advanced degrees?

(A) 60  
(B) 80  
(C) 100  
(D) 120  
(E) 160

3) In a certain school, there are 80 Freshmen, 100 Sophomores, and 220 Upperclassmen, drawn from three cities: A, B, and C.  Sixty percent of students are from A, 30% from B, the rest from C, and all these students from C are freshmen.  Half the student from B are upperclassman, and the rest are split evenly between the other two grades.  How many sophomores are from A?

(A) 60  
(B) 70  
(C) 80  
(D) 90  
(E) 100

4) There are a total of 400 students at a school, which offers a chorus, baseball, and Italian.  This year, 120 students are in the chorus, 40 students in both chorus & Italian, 45 students in both chorus & baseball, and 15 students do all three activities.  If 220 students are in either Italian or baseball, then how many student are in none of the three activities?

(A) 40  
(B) 60  
(C) 70  
(D) 100  
(E) 130