EPRS8530
Exercise 2

1. Alpha University places all freshmen scoring at least 65 on an English proficiency exam (mean = 50, SD = 10) into an advanced composition course. If the scores are normally distributed and there are 2500 entering freshmen, how many will be put into the advanced course?

2. At Beta University, the English proficiency exam above is used to determine which students need to take a remedial English course. The university has decided to place the bottom 20 % into the remedial course. What score separates the lower 20% of the students from the rest?