A biology teacher, Dr. Fungi, computes a student's grade for a course as follows:

- 20% for Lab work
- 15% for Quizzes
- 40% for Tests
- 25% for the Final exam

a. Gordon has 82 for lab work, 91 for quizzes, 78 for tests and 81 for the final exam. What grade will Gordon get for the course?

b. Sarah wants 70 for the course. She has 62 for lab work, 68 for quizzes and 71 for tests. What grade does Sarah have to get on the final exam to get a 70 for the course?