

## Worksheet (the last one!): Some big ideas as review

- A. In this numerical analysis course **we solved certain mathematical problems**. List these classes of problems. (By my count there are about five major classes we know how to solve.) For each problem list some of the methods we know.

- B. Modern computers are amazing but, with regard to doing mathematical tasks using real numbers, and jobs from calculus, **they have limitations**. List these. (I can think of three major categories of limitations.)
- C. Some algorithms in this course were not a surprise, for example the trapezoid rule for integrating. However, **some ideas were surprising and/or insightful**. List some.