Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Netid \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Collaborators? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Problem 1:

(a) Bytes to store your academic record? An example record.

(b) Bytes for all current undergrads?

(c) An idea for compression

(d) Accurate, conservative, optimistic, and why.

Problem 2:

(a) Miles of road in the US? (Km is ok too)

(b) Cost of gas?

(c) Disk storage needed, in TB?

(d) Cost of disk storage?

Problem 3:

(a) How many GB of secondary storage does your computer have?

(b) How many GB of RAM?

(c) Pixels on the screen?

(d) Pixels on your cellphone screen?