QUIZ!

Use a full sheet of 8½x11" paper. (Half sheet? Half credit!)

Put <u>only your last name</u> in the <u>far upper left hand corner</u> of the paper, where a staple would hit it. (It's OK to write BIG, just start in the corner!)

Mitchell Avoid A 1/2-Point Deduction!

Numbering responses may help you avoid overlooking a question; it's ok to go ahead and pre-number your sheet.

Feel free to abbreviate, like **otw** for **otherwise**.

3 minutes; $1 + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ points; 3 points total

Quiz 5, February 10, 2015 3 minutes; $1 + \frac{1}{2} + \frac{1}{2} + \frac{1}{2} + \frac{1}{2}$ points; 3 pts total

- 1. Write **sum list**, which returns the sum of the numbers in **list**. $(+\frac{1}{2} \text{ point E.C. if idiomatic Haskell!})$
- 2. Write **map**.
- 3. What is the type of **map**?
- 4. Fill in the blank below such the value shown ([1,4]) is produced.

> map _____ [[1,2,3],[4,5]] [1,4]

- 5. What is the relationship between the lengths of the input and output lists for **map**?
- 6. Zero points: Have you tried the a2 tester yet?

Solutions

map's output list is always the same length as the input list.