

QUIZ!

Quiz Stuff

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

Put your last name and NetID in the far upper left hand corner of the paper, **where a staple would hit it.** (It helps us sort quizzes!)



Mitchell, whm

.....

No need to write out questions.

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

It's ok to abbreviate, like using "otw" for "otherwise".

Quiz 5, Feb 10, 2014

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

1. Write **sum list**, which computes the sum of the numbers in **list**.
2. Given **let x:y:z = [(1,2), (3,4)]**, what is the value of **y**?
3. Name any one of the characteristics that would cause a function to be considered to be a higher-order function.
4. Recall **map**:

```
> map length ["just", "testing"]  
[4,7]
```

Write **map**.

5. What is the type of **map**?
6. ($\frac{1}{2}$ point EC) Write another function that would be considered to be higher-order.