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

Put **only your last name** in the **far upper left hand corner** of the sheet, where a staple would hit it. It's OK to write **BIG**, just start in the corner!

**Mitchell**  AVOID A ½-POINT DEDUCTION!

Keep answers short! Avoid full sentences. Feel free to abbreviate.

5 questions; 3 minutes; 3 points. Plus a ½ point E.C. question.

Numbering responses may help you avoid overlooking a question. You may go ahead and number your paper.
1. How can we quickly tell whether an identifier is a global variable?

2. In Ruby's world, what is an iterator?

3. What keyword does an iterator use to invoke a block?

4. What element of Haskell is a Ruby block most like?

5. Assuming $x$ is an array, print the elements in $x$, one per line, using the iterator `each` with an appropriate block.

E.C. ½ point: Write a trivial iterator.
Solutions

1. How can we quickly tell whether an identifier is a global variable? Starts with a dollar sign, like $x$.

2. In Ruby's world, what is an iterator?
   An iterator is a method that can invoke a block.

3. What keyword does an iterator use to invoke a block? yield

4. What element of Haskell is a Ruby block most like?
   An anonymous function, I'd say.

5. Assuming x is an array, print the elements in x, one per line, using the iterator each with an appropriate block.
   ```ruby
   x.each { |e| puts e }
   ```

E.C. ½ point: Write a trivial iterator.
```ruby
def itr
  yield 7
end
```