

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. It's ok to abbreviate answers.

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

3 minutes; 3½ points (1+1+1+½)

Quiz 10, April 9, 2014

3 Minutes; 1+1+1+½ points

```
thing(apple, red, yes).  
thing(grape, purple, yes).  
thing(dirt, brown, no).
```

1. Using **thing/3** above right, write a Prolog query that shows the names of the green foods.
2. Draw the box of the four-port model and label the ports. Be sure to include the arrows for the ports.
3. Consider the query **A = B, B = 3, writeln(C), A = 1.**  
What does it output, if anything?  
Does it succeed or fail? (That is, does it say **true.** or **false.?**)
4. Write a rule **hello/0** that prints "Hello!".  
**?- hello.**  
**Hello!**

It doesn't matter whether **hello.** succeeds or fails.