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 paper, where a staple would hit it. (It's OK to write BIG, just start in the corner!)

Mitchell   **AVOID A ½-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.

6 questions; 3 minutes; 2½ points.

Briefly raise your hand when you're done.

1. Write an example of a fact.

2. Write an example of an atom.

3. Write an example of a Prolog variable.

4. The file **x.pl** contains facts. How would you load them into **swipl**?

5. What's a famous system that makes use of Prolog?

6. Write the query **?- oddnum(3).** in terms of "Can you prove...".

EC ½ point: Why was the name "Prolog" chosen?

EC ½ point: When was Prolog created? (+/- five years)

Solutions

1. *Write an example of a fact.* **f(x).**

2. *Write an example of an atom.* **atom**

3. *Write an example of a Prolog variable.* **F**

4. *The file* **x.pl** *contains facts. How would you load them into* **swipl?** **swipl -l x.pl** *or query* **[x]**.

5. *What's a famous system that makes use of Prolog?*
   IBM's Watson, as seen on Jeopardy!

6. *Write the query* **?- oddnum(3).** *in terms of "Can you prove...".*
   Can you prove that 3 is an odd number?

EC ½ point: Why was the name "Prolog" chosen?
   Programming in **Log**ic

EC ½ point: When was Prolog created? (+/- five years) **1972**