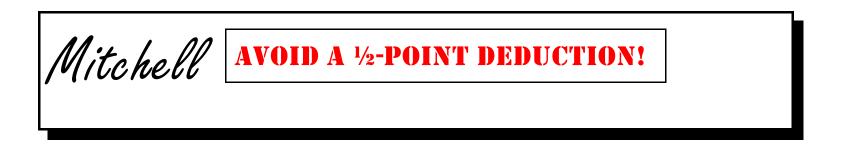
QUIZ!

Use a full sheet of $8\frac{1}{2}\times11^{"}$ paper. (Half sheet? Half credit!)

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



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

2 questions; 3 minutes; 3 points.

Numbering responses may help you avoid overlooking a question.

You may go ahead and number your paper.

Quiz 12, April 19, 2016 3 minutes; 1 + 2 points

Write a predicate same(?A, ?B, ?C) that expresses the relationship that A, B, and C are equal.
 ?- same(1,1,1).

true.

?- same(a, X, a). X = a.

2. Write a predicate p(+L) that prints the elements of L that are integers, one per line. (Use integer(?X) to test.) <u>Be sure it always succeeds!</u>

?- p([10,b,c,2,4]).
10
2
4
true.

Solutions

1. Write a predicate **same (?A, ?B, ?C)** that expresses the relationship that **A**, **B**, and **C** are equal.

same(X,X,X).

2. Write a predicate **p(+L)** that prints the elements of **L** that are integers, one per line.