

**Name:** \_\_\_\_\_

**IROB-A**

## Quiz

- ### 3. Name the one of the Three Laws of Robotics:

4. Describe good robot design and construction.
5. List the Degrees of Freedom of a swiss army knife (folding pocket knife) that has 1 knife, 1 small knife, and scissors: (remember position shifting and rotations)
6. What is the Turing Test? Does the “Doctor” program in emacs pass it? Why or why not?

**7. What is the Information Flow (Input, Output, Processing, Storage) of an iPod?**

**8. Complete the Truth Table for all possible values of p and q:**

<b>p</b>	<b>q</b>	<b>!p</b>	<b>!q</b>	<b>p    q</b>	<b>!q &amp; (p  q)</b>
<b>0</b>	<b>0</b>				
<b>0</b>	<b>1</b>				
<b>1</b>	<b>0</b>				
<b>1</b>	<b>1</b>				

**9. Draw the Gait of a 3-legged creature:  
(similar to what we drew on the board)**