

Name: _____

Artificial Intelligence

1. What is thought?
2. Can computers think? Support your position with examples.
3. What are emotions?
4. Can computers have emotions? Support your position with examples.
5. Look up and describe the Turing test. Do you think it is a valid assessment of whether a computer can think? Why or why not?

6. The Loebner prize is awarded each year to a program that has the most human-like conversation with judges. The 2009 winner's transcript is available at http://kschnee.xepher.net/loebner/lpc2009/lpc2009_logfile_levy.txt -- read the text at the top to understand how the transcript is read. Write down three things that are not very human about what the computer said.

7. Talk to the Hal chatbot at <http://www.zabaware.com/webhal/webhal.php>. How do you think it works?

8. Talk to the Jabberwacky chatbot at <http://www.jabberwacky.com/>. In what ways is it different from Hal?

9. It should now be clear that Joshua in Wargames was not a very realistic program. Describe differences between it and the chatbots you just looked at.