

Last Name: _____	First Name: _____	Letter Grade: _____	Number Grade: _____
Date Assigned: _____	Due Date: _____	Hours Student took to complete Homework: _____	Instructor Comment:
	Course: _____		

Assignment Grading Rubric

A 90 – 100 %	B 80 - 89 %	C 70 - 79 %	D 60 - 69 %	F 0 - 59 %
Provides answers to all questions clearly & effectively with in-depth & accurate information that indicates both original ideas & text information were investigated. Spelling/grammar is accurate.	Provides answers clearly & effectively with in-depth & accurate information that indicates both original ideas & text information were investigated; however, answers focus on some of the points & does not cover all elements of the assignment. Spelling/grammar has few errors.	Meeting minimum requirements. Minor points/information is missing & answers are minimal suggesting additional research & text material were not reviewed prior to completing assignment. Spelling/grammar has few errors.	Responds to assignment with 1 or 2 sentence, not explaining any details. Numerous errors in sentence construction, spelling, & grammar.	Grades of “F” are given if the assignment is not turned in or for work that does not meet minimum requirements.

Do Animals Think?

In the 1984 an issue of *Brain/Mind Bulletin* (Vol. 9, No. 10, May 28, 1984) research is cited which indicates that animals have the capacity to think. Animals appear to anticipate events, make choices, adapt to new situations, and coordinate group activities. A spider, for example, can act unpredictably in spinning a web. Webs are usually symmetrical, but a spider might build an asymmetrical one when that would be more efficient. Other animals seem to anticipate results of their behavior and appear disappointed if their expectations go unfulfilled. This would indicate a degree of "if-then" thinking. In addition, animals seem to have a degree of (a) numerical awareness, (b) awareness of spatial relationships, (c) verbal thought, and (d) conscious planning. Animals obviously communicate. Evidence accumulates that primates at some level count, display insight, create tools, and transmit cultural innovations. And several teams of psychologists have taught various species of apes, including a number of chimpanzees, to communicate with humans by signing or by pushing buttons wired to a computer. Apes have developed considerable vocabularies. They string words together to express meaning and to make and follow requests. Skeptics point out important differences between apes' and humans' facilities with language, especially in their respective abilities to order words using proper syntax. Nevertheless, studies reveal that apes have considerable cognitive ability.

1. After conducting your own inquiry, describe the research on animal intelligence and communication: _____

2. Discuss the controversy over whether animals have language (provide at least 1 example): _____
