

Homework 6

1. $\exists x(\text{Person}(x) \wedge \text{Works}(x) \wedge \text{IsEmployed}(x))$

2a. $\neg \forall x(\text{People}(x) \wedge \text{InPlane}(x) \rightarrow \text{Pilots}(x))$

2b. $\forall x \forall y(\text{Monkey}(x) \wedge \text{Tree}(y) \rightarrow \text{LivesIn}(x, y))$

2c. $\text{Has}(\text{Cow}, \text{Spots})$

3.

S1: (n) diary, journal (a daily written record of (usually personal) experiences and observations)

S2: (n) journal (a periodical dedicated to a particular subject) "he reads the medical journals"

S3: (n) daybook, journal (a ledger in which transactions have been recorded as they occurred)

S4: (n) journal (a record book as a physical object)

S5: (n) journal (the part of the axle contained by a bearing)

Comparisons:

S1 & S2: Polyonymy since both are records of something that can be read.	S2 & S4: Homonymy
S1 & S3: Polyonymy since both are records of something.	S2 & S5: Homonymy
S1 & S4: Homonymy	S3 & S4: Homonymy
S1 & S5: Homonymy	S3 & S5: Homonymy
S2 & S3: Polyonymy since both are records of something that can be read.	S4 & S5: Homonymy

4. "I read the whole book."

Word	# of senses	Sense with Overlap	Chosen sense
I (Non-Stop Word)	N/A	N/A	N/A
Read	12	S1:0 S2: 0 S3: 0 S4: 0 S5: 0 S6: 0 S7: 0 S8: 0 S9: 0 S10: 0 S11: 0 S12: 0	S1
The(Non-Stop Word)	N/A	N/A	N/A
Whole	8	S1: 0 S2: 0 S3: 0 S4: 0 S5: 0 S6: 0 S7: 0 S8: 0	S1
Book	15	S1: 1 S2: 0 S3: 0 S4: 0 S5: 0 S6: 0 S7: 0 S8: 0 S9: 0 S10: 0 S11: 0 S12: 0 S13: 1 S14: 0 S15: 0	S1

Word	Gloss	Examples	# Overlaps
read ¹	something that is read	"the article was a very good read"	0
read ²	interpret something that is written or printed	"read the advertisement"; "Have you read Salman Rushdie?"	0
read ³	have or contain a certain wording or form	"The passage reads as follows"; "What does the law say?"	0
read ⁴	look at, interpret, and say out loud something that is written or printed	"The King will read the proclamation at noon"	0
read ⁵	obtain data from magnetic tapes or other digital sources	"This dictionary can be read by the computer"	0
read ⁶	interpret the significance of, as of palms, tea leaves, intestines, the sky; also, of human behavior	She read the sky and predicted rain"; "I can't read his strange behavior"; "The fortune teller read his fate in the crystal ball"	0
read ⁷	interpret something in a certain way; convey a particular meaning or impression	"I read this address as a satire"; "How should I take this message?"	0
read ⁸	be a student of a certain subject	"She is reading for the bar exam"	0
read ⁹	indicate a certain reading; of gauges and instruments	"The thermometer showed thirteen degrees below zero"; "The gauge read empty"	0
read ¹⁰	audition for a stage role by reading parts of a role	"He is auditioning for Julius Caesar' at Stratford this year"	0
read ¹¹	to hear and understand	"I read you loud and clear!"	0
read ¹²	make sense of a language	"She understands French"; "Can you read Greek?"	0

Word	Gloss	Examples	# Overlaps
whole ¹	all of something including all its component elements or parts	"Europe considered as a whole"; "the whole of American literature"	0
whole ²	an assemblage of parts that is regarded as a single entity	"how big is that part compared to the whole?"; "the team is a unit"	0
whole ³	including all components without exception; being one unit or constituting the full amount or extent or duration; complete	"gave his whole attention"; "a whole wardrobe for the tropics"; "the whole hog"; "a whole week"; "the baby cried the whole trip home"; "a whole loaf of bread"	0
whole ⁴	(of siblings) having the same parents	"whole brothers and sisters"	0
whole ⁵	not injured or harmed	N/A	0
whole ⁶	exhibiting or restored to vigorous good health	"hale and hearty"; "whole in mind and body"; "a whole person again"	0
whole ⁷	acting together as a single undiversified whole	"a solid voting bloc"	0
whole ⁸	to a complete degree or to the full or entire extent ('whole' is often used informally for 'wholly')	"he was wholly convinced"; "entirely satisfied with the meal"; "it was completely different from what we expected"; "was completely at fault"; "a totally new situation"; "the directions were all wrong"; "it was not altogether her fault"; "an altogether new approach"; "a whole new idea"; "she felt right at home"; "he fell right into the trap"	0

Word	Gloss	Examples	# Overlaps
book ¹	a written work or composition that has been published (printed on pages bound together)	"I am reading a good book on economics"	1 Words: reading
book ²	physical objects consisting of a number of pages bound together	"he used a large book as a doorstep"	0
book ³	a compilation of the known facts regarding something or someone	"Al Smith used to say, 'Let's look at the record'; "his name is in all the record books"	0
book ⁴	a written version of a play or other dramatic composition; used in preparing for a performance	N/A	0
book ⁵	a record in which commercial accounts are recorded	"they got a subpoena to examine our books"	0
book ⁶	a collection of playing cards satisfying the rules of a card game	N/A	0
book ⁷	a collection of rules or prescribed standards on the basis of which decisions are made	"they run things by the book around here"	0
book ⁸	the sacred writings of Islam revealed by God to the prophet Muhammad during his life at Mecca and Medina	N/A	0
book ⁹	the sacred writings of the Christian religions	"he went to carry the Word to the heathen"	0
book ¹⁰	a major division of a long written composition	"the book of Isaiah"	0
book ¹¹	a number of sheets (ticket or stamps etc.) bound together on one edge	"he bought a book of stamps"	0
book ¹²	engage for a performance	"Her agent had booked her for several concerts in Tokyo"	0
book ¹³	arrange for and reserve (something for someone else) in advance	"reserve me a seat on a flight"; "The agent booked tickets to the show for the whole family"; "please hold a table at Maxim's"	1 Words: whole
book ¹⁴	record a charge in a police register	"The policeman booked her when she tried to solicit a man"	0
book ¹⁵	register in a hotel booker	N/A	0