Week 4

- Propositional logic
- Variables

Next:

• The syntax/semantics mapping

(1) There is a cat in every box.

Exercise: Discuss the following "jokes" in relation to the material in the class.



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Exercise: Complete the truth table for (2) and (3), based on your intuitions about the sentence. p = we can meet today; q = we can meet tomorrow.

- (2) We can meet today or tomorrow.
- (3) We can't meet today or tomorrow.

р	q	(2)	(3)
1	1		
1	0		
0	1		
0	0		

Since (3) appears to be the negation of (2), what does this suggest about English "or"?