# Propositions and Truth Conditions

# **Some Examples**

### Propositions

- The cat is on the mat.
- · Homer eats crap.
- · Marge really makes the best gelatin towers.
- Patty and Selma have a secret undergarment.



Cat: wenchiawang/iStock/Thinkstock; Mat: University of Waterloo; Homer: Fox Flash (2006). "Homer Simpson". Wikimedia Commons.; Marge: Brooks, J. L., Groening, M., & Simon, S. (Executive Producers). (2012, April 17). Q: What is Marge's shoe size? A: 13AA. [Facebook, Timeline Photos] Retrieved from https://www.facebook.com/TheSimpsons/photos/a/473850413696.26070.29534858696/1015069582228697; Patty & Selma: Brooks, J. L., Groening, M., & Simon, S. (Executive Producers). (2013. September 10). Patty and Selma crash back into Springfield at Level 35 with Disco Stu burning up dance floors in their wake. Play The Simpsons: Tapped Out today [Facebook, Timeline Photos] Retrieved from https://www.facebook.com/TheSimpsons/photos/a.473850413696.246070.29534858696/10151666167153697

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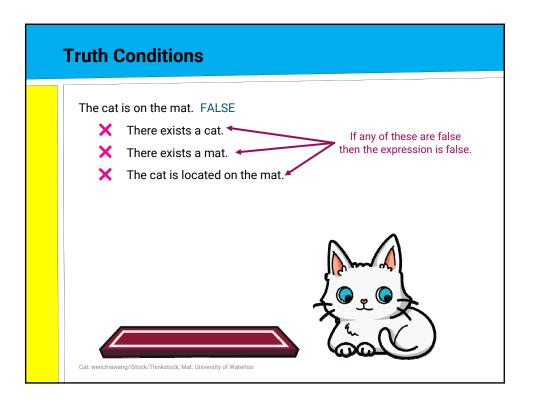
## **Truth Conditions**

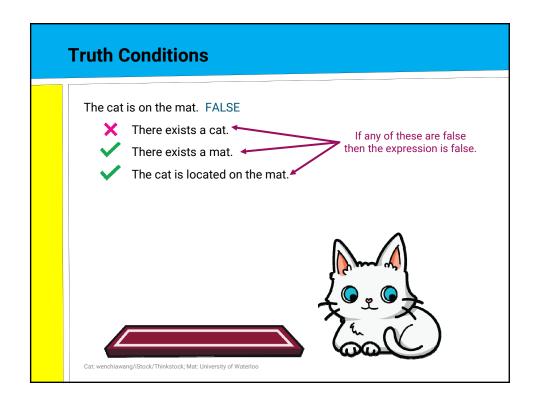
The cat is on the mat. TRUE

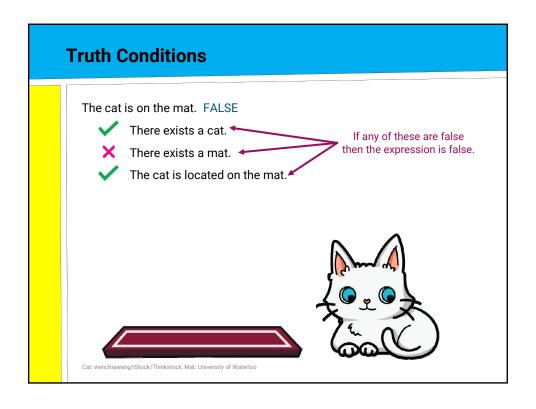
- There exists a cat.
- ✓ There exists a mat.
- ✓ The cat is located on the mat.

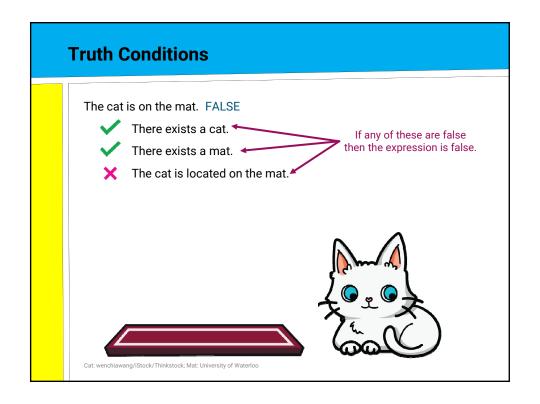


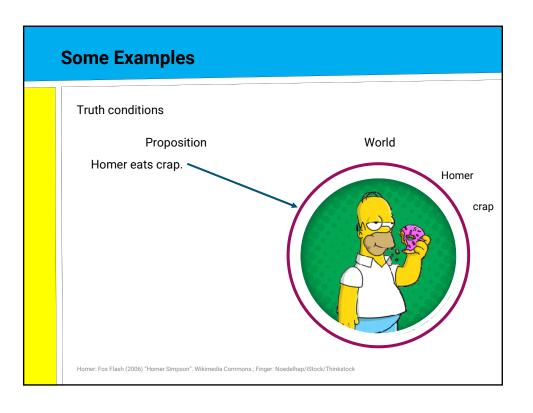
Cat: wenchiawang/iStock/Thinkstock; Mat: University of Waterloo

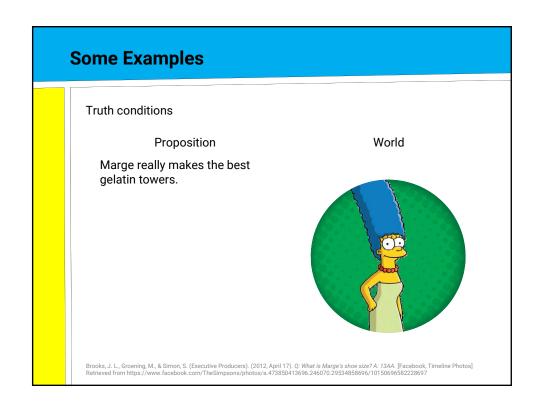












# Truth conditions Proposition World Patty and Selma have a secret undergarment. Brooks, J. L., Groening, M. & Simon, S. (Executive Producers), (2013, September 10). Party and Selma crash back into Springfield at Level 35 with