

Reasoning and Proofs Guided Notes

Using the glossary from the text book or section 16.4, define the words below:

1. Conjecture:
2. Deductive Reasoning:
3. Inductive Reasoning:
4. Theorem:
5. Counter-Example:

Justification with Pictures Activity

Write a sentence or two response for you justification of deductive reasoning.

Picture 1: <http://getphysicaltoday.com/wp-content/uploads/2010/08/puddle-1.jpg>

Prove or disprove that it rained yesterday in the picture.

Picture 2: <http://www.pioneerleadership.com/wp-content/uploads/2015/08/cat-looking-in-mirror-sees-lion.jpg>

Prove which reflection is false.

Picture 3: <http://i38.servimg.com/u/f38/19/15/96/75/the-dr10.jpg>

Prove what you believe to be the true colors of the dress.