

Philosophy 240: Symbolic Logic
Fall 2008
Mondays, Wednesdays, Fridays: 9am - 9:50am

Hamilton College
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Identity Theory Jigsaw Lesson
Workgroup: Superlatives

I. Examine the following translations:

1. Degas is a better impressionist than Monet. Bdm (Bxy : x is a better impressionist than y)
2. Degas is the best impressionist. $(x)(x \neq d \supset Bdx)$
3. Syracuse is the nearest major city. $(x)[(Mx \cdot x \neq s) \supset Nsx]$
4. Adriana is a bigger mouse than Rene. $Ma \cdot Mr \cdot Bar$ (Bxy : x is bigger than y)
5. Adriana is the biggest mouse. $Ma \cdot Mr \cdot (x)[(Mx \cdot \sim x=a) \supset Bax]$

II. Try these:

6. Rene is the smallest mouse.
7. Bill Gates is the geek with the most money. (g , Gx , Mxy : x has more money than y)
8. Goliath is the tallest human. (g , Hx , Txy : x is taller than y)

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