Thursday, December 1

Name _____

Email _____

6.035 Fall 2016 | Miniquiz #28 | 5 minutes

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Consider the flat lattice on the integers (that is, the integers together with TOP and BOT, where the join of any two unequal integers is TOP).

1. Give a distributive function $f$ on this lattice.

2. Give a non-distributive function $f'$ on this lattice, and example values where $f'$ fails to distribute.