

Logic Homework Exercises #4 (Arguments) - Solutions

FALL 2005

Pat Rossi

Name _____

Instructions. Determine whether each argument is valid.

1. If I study hard, then I will get A's. I will study hard. Therefore, I will get A's.
2. If I study hard, then I get A's. If I don't get rich, then I don't get A's. Therefore, I get rich.
3. I study hard, if and only if I get rich. I get rich. Therefore, I study hard.
4. If I study hard or I get rich, then I get A's. I get A's. Therefore, if I don't study hard, then I get rich.
5. If I study hard, then I get A's or I get rich. I don't get A's and I don't get rich. Therefore, I don't study hard.