

MTH 301
Quiz 1 Review
Spring 2020

Table 2.3.1 will not be given. You are expected to be able to recognize valid argument forms, but the only ones you are expected to know by name are Modus Ponens and Modus Tollens. You also are expected to know the Converse Error and the Inverse Error by name.

Figures 2.5.1 and 2.5.2 will be given if needed.

Memorize the definitions of *even* and *odd* (p 162). (You won't be asked to give definitions, but these must be known to be able to write proofs.)

§2.1 #13, 23, 25, 27, 32

§2.2 #5, 20(a,d,f), 22(a,d,f), 23(a,d,f), 40, 42

§2.3 #8, 24, 26, 27

§2.4 #3, 7, 11, 20

§2.5 #21

§3.1 #13, 14, 19, 27 all parts

§3.2 #3(a,c), 4(a,c), 9, 16, 18, 20, 26, 28

§3.3 #5, 7, 10(a,b,c,d), 14(b), 15(b), 46(a), 48(a), 51(a)

§3.4 #7, 9, 13, 21, 23, 25

Lewis Carroll problems #1, 11, 21, 31

§4.1 #12, 25, 30

§4.2 #1, 4, 6