

Exercises are from the book, 7th edition

Section 1.1

#6, #14,

Section 1.3

#14

#20 , for this one, prove the equivalence by first taking the DNF of  $\sim(p \text{ XOR } q)$  and show using equivalence laws that it is equivalent to  $p \leftrightarrow q$

Section 1.5

#48

Section 1.6

#12, #28

Section 1.7

#32

Section 1.8

#8, #16

Section 2.1

#10

Section 2.2

#18

Section 2.3

#12, #72