HW#:_____ Name:_____

Fun With Truth Tables

Complete each truth table.

1.

p	q	p and q	p or (p and q)

2.

p	q	$\sim q$	p or $\sim q$	q and (p or $\sim q$)

3. Make a truth table for $\sim(\sim p$ and $q)$.

4. Make a truth table to prove that *not*(p *and* (*not* q)) = (*not* p) *or* q.

Adv Topics HW I.P. Address Name:
WS

Write the binary numbers representing these I.P. addresses.

① 142.34.21.6

② 241.102.36.101

Write the base 10 representation of these I.P. addresses.

③ 00101100.11101011.00000101.01010101

④ 00000011.11011111.11111111.00001011

⑤ Why is 142.307.21.5 an impossible I.P. address?