2.4.28 a. (p19) V(p12) V(p12) b. (pv2)

(prq)v(praq)v(rpraq)
= (prq)v(praq)v(rpraq) bistributive
= pv(rpraq) Negation
= pvr(praq) De Mongan's
= pvrq

Josiah Schmitz HW 2

9/14/23

2.1.10 b. prag d. ~prenne. ~pv(qr)

(prr)
=

They are logically equivalent because pl(qvr) and (pla)v) have the same truth values.

2,4,4 5=1

2.4,21 a. (PAQ) V(QAr) V(~PA~r)

