

MA-236: Homework 1

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I pledge my honor that I have abided by the Stevens Honor System.

1.18 Problems

(e) $\neg(\neg M \vee \neg J \vee \neg E)$

$$\neg(\neg f \vee \neg f \vee \neg t)$$

$$\neg(t \vee t \vee f)$$

$$\neg(t)$$

$$f$$

(f) $\neg(\neg M \wedge \neg J \wedge \neg E)$

$$\neg(\neg f \wedge \neg f \wedge \neg t)$$

$$\neg(t \wedge t \wedge f)$$

$$\neg(f)$$

$$t$$