

1a: True
1b: False
1c: True
1d: False
1e: $\neg \exists x P(x) \iff \forall x \neg P(x)$: True
1f: $\neg \forall x P(x) \iff \exists x \neg P(x)$: True
2a: False
2a: True
2a: True
2a: True