

PEX4 Write-out Problems

Tuesday, November 18, 2014
8:30 AM

2. Two people who speak the same language will understand each other.
3.
 - a) $\text{isSurgeon}(\text{emily}) \cup \text{isLawyer}(\text{emily})$
 - b) $\text{isActor}(\text{joe}) \cap \exists J (\text{hasJob}(\text{joe}, J) \cap J \neq \text{actor})$
 - c) $\forall \text{People} (\text{isSurgeon}(\text{People}) \supset \text{isDoctor}(\text{People}))$
 - d) $\neg \exists L (\text{lawyers}(L, \text{joe}))$
 - e) $\exists L (\text{lawyers}(L, C) \cap \text{isDoctor}(C))$