19/11/24 Week 8 1 Unification in Elvet-Orden Logic Key conditions Exy conditions.

? & same predicate symbol of the Predicate symbol. in the Expressions must moten in the Expression of arguments of the Expression nust nave an Equal number of arguments iii l'variable conflict resolution: variables connot takes raultiple conflicting values ive No conflicting function symbols of Offerent Semetion symbols connot canify Examples : expression A: Knows (fox, 4), gox) expression B: Mnows (f(Alice, Bob), g(3)) steps:-: Y By comparing the predicates, we arrive that . Both are knows is le consider flx, 4) => f(Alice, Bob) x= Alice, y= Bob 2= Alice (since x:Alice) 000 X= Alice 7= BOD 2 = Alice out unitied Expression ernows (ACALICE, BOB), & CALICE ))