

⑤ name of each house who ONLY has Westerosi currently stationed at 'castleBlack' or 'Winterfell'

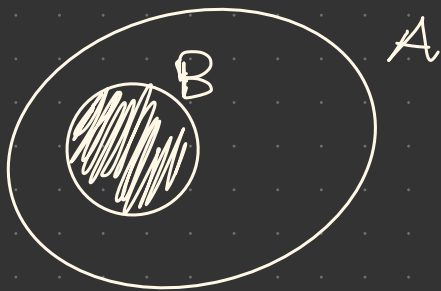
Relations to use:

Westerosi (wid, wname, wlocation)

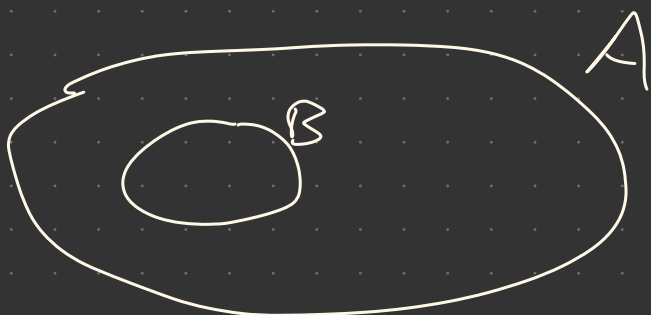
ofHouse (wid, wname, wages)

A: houses which have Westerosi stationed anywhere

B: Houses which have Westerosi stationed at castleBlack or Winterfell

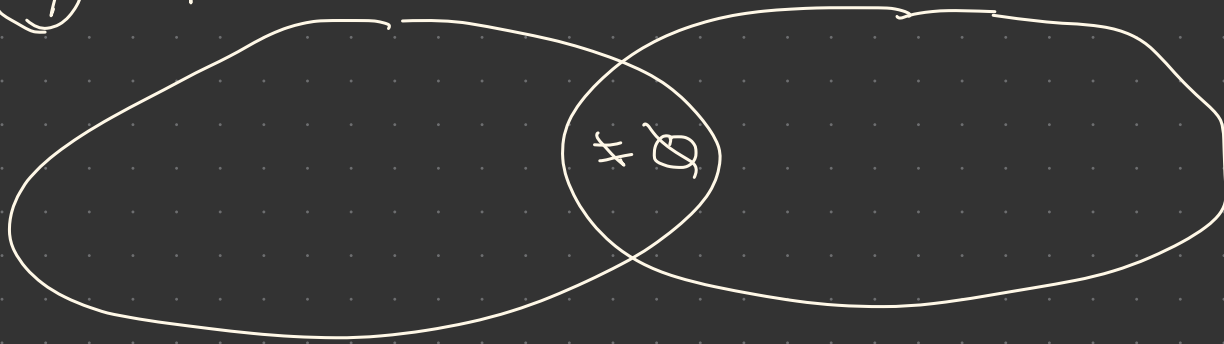


⑥ A: All people known by a Westerosi
B: People of house Lannister w/ 55,000 in wages



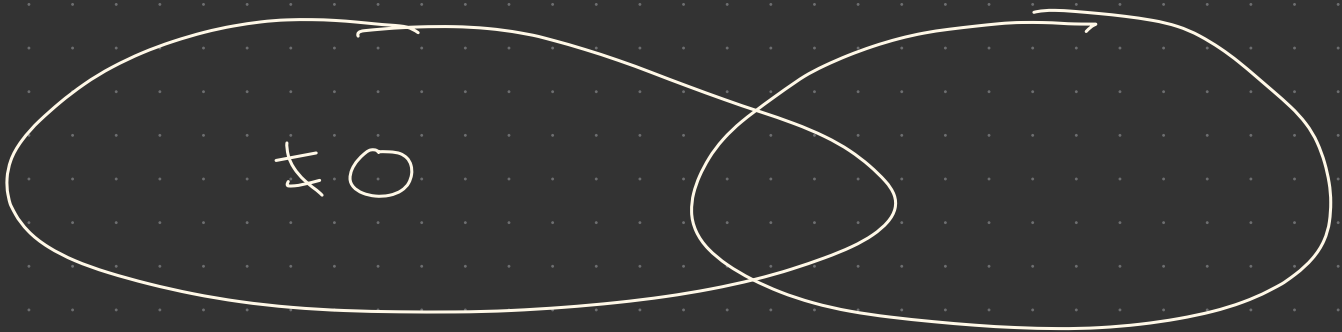
Selecting Westerosi
where $B \subseteq A$

⑦ Preds of Succ 1 Preds of Succ 2



⑧

Westerosi Without Politics (unaware) W With Politics (unaware)



⑨

Number of Westerosi Known (wid1) = Number of Westerosi Known (wid2)

Rather than set intersection/union/disjunction, we are concerned with the size of sets, so a Venn diagram is unnecessary.

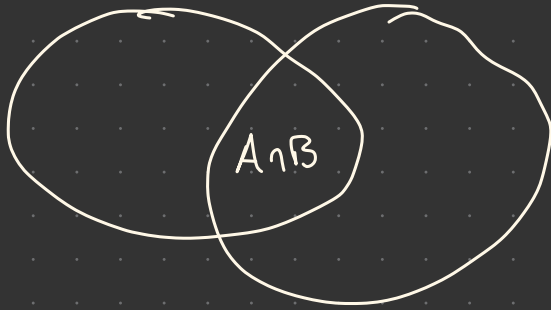
To illustrate further, we can discuss

People Known By (wid1) + People Known By (wid2).

We aren't concerned with the contents of the sets, only their size. Whether these sets overlap or not is irrelevant.

(10) A: Westerosi of a house with minimum wages

B: Westerosi who know at least 3 people



$$|A \cap B| = 2$$