The algorithm:

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fn into_constant_sets(eprover_answers, constant_set_count):
    let answers = copy(eprover_answers)
    let composables = array(constant_set_count)

    for i in 0..constant_set_count:
        composables[i] = hashset(copy(eprover_answers))

    loop:
        let (comp1, comp2) be a pair of composables such that they are the same,
            except for one constant set const_set

        if there is no such pair:
            break
        else:
            let comp3 = copy(comp1)
            comp3[const_set] = union(comp1[const_set], comp2[const_set])

            composables.remove(comp1)
            composables.remove(comp2)
            composables.add(comp3)
            answers.add(comp3)

    return answers
```

first part: