

Exercises for 2.8 and 2.9

1. Take the procedure for enumerating class-1 sentences. The procedure lists sentences in groups of five (five sentences for each fraction). List the first 3 groups of sentences that the procedure lists (that's 15 sentences in total).
2. The procedure for enumerating class-1 sentences lists sentences in groups of five. One of them is $A_n \wedge A_m$. Why is it ok not to list $A_m \wedge A_n$?
3. “Even a formal language with infinitely many atomic sentences could not express all the ways the world could be.” Is this true or false? Explain.