## Discrete Mathematics 8

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## Core questions (everyone is expected to solve these exercises)

- 1. State Kleene's theorem. Give an overview of the proof.
- 2. RLFA Exercise sheet 4.4
- 3. 1999 paper 2 question 7 Link
- 4. State the Pumping Lemma. Give an overview of the proof.
- 5. RLFA Exercise sheet 5.1
- $6.~1998~{\rm paper}~2~{\rm question}~7~{\rm Link}$

## Tryhard questions (recommended)

1. 2004 paper 2 question 9 Link