

R is a regular expression, if R is

- ① $a, a \in \Sigma$
- ② ϵ
- ③ ϕ
- ④ $R_1 \cup R_2$, where R_1, R_2 are regular expressions
- ⑤ $R_1 \circ R_2$
- ⑥ R_1^*