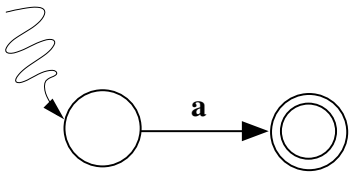
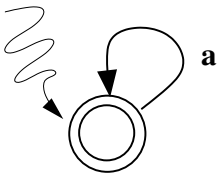
Find a Regular Expression for Each DFA

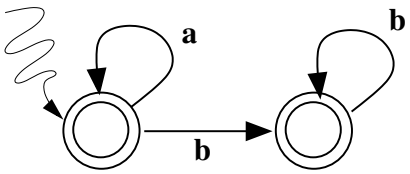
DFA 1



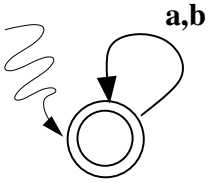
DFA 2



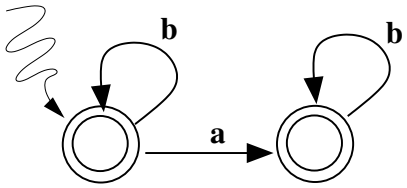
DFA 3



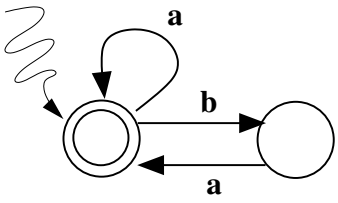
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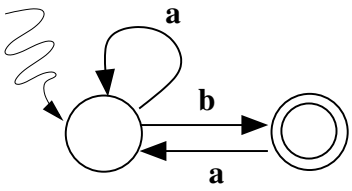
DFA 5



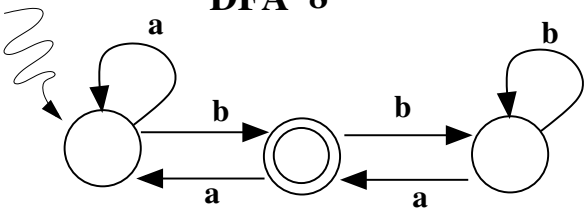
DFA 6



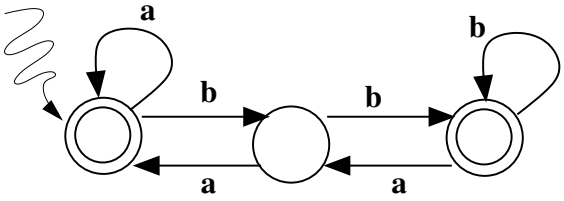
DFA 7



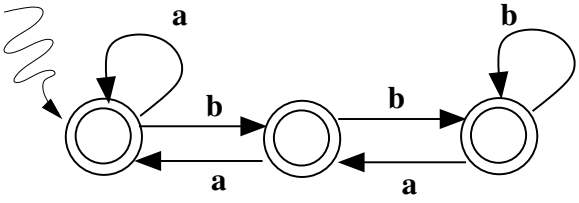
DFA 8



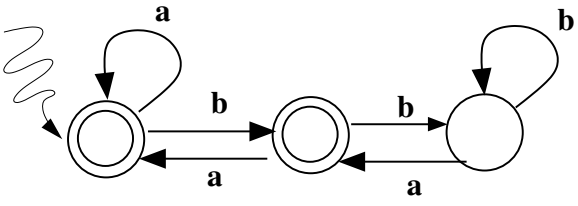
DFA 9



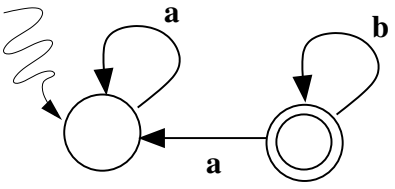
DFA 10



DFA 11



DFA 12



Find a DFA for each regular expression:

1. a
2. a*
3. a*b*
4. (a+b)*
5. b*+b*ab*
6. (a+ba)*
7. a*b(aa*b)*
8. a*b(bb*a+aa*b)*
9. a*b(bb*a+aa*b)*(a+b) + ε
10. (a+b)*
11. (a+ba+b(bb*a)*a)*+a*b(aa*b+bb*a)*
12. $\emptyset$