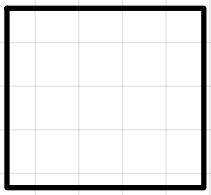
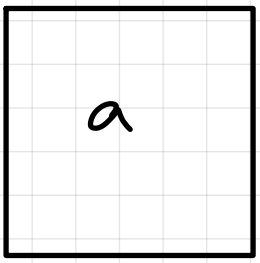
1. $A = \{\}$



- terminating
- non-confluent
- yes UNF

2.) $A = \{a\}$ and $R = \{\}$

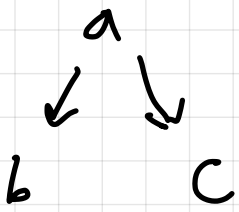


- terminating
- non-confluent
- yes UNF

3.) $A = \{a\}$ and $R = \{(a, a)\}$

- non-terminating
- non-confluent
- no UNF

4.) $A = \{a, b, c\}$ and
$R = \{(a, b), (a, c)\}$



* terminating
* non-confluent
* not unique normal forms

5.) $A = \{a, b\}$ and
$R = \{(a, a), (a, b)\}$

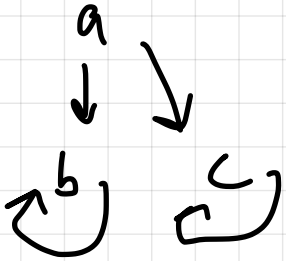
* non-terminating
* non-confluent

→ yes UNF

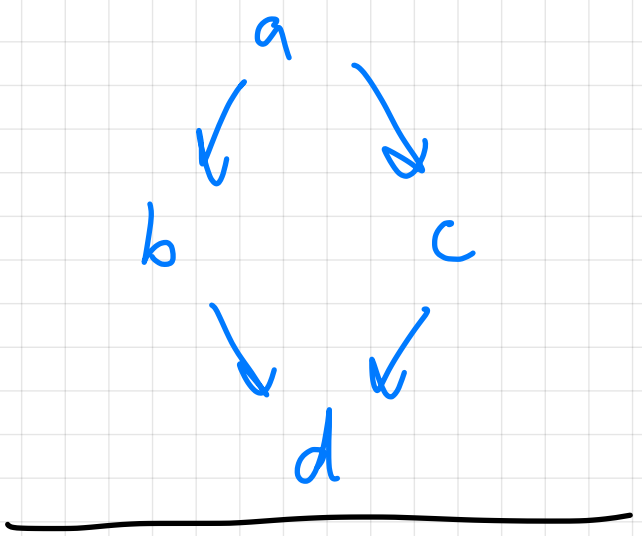
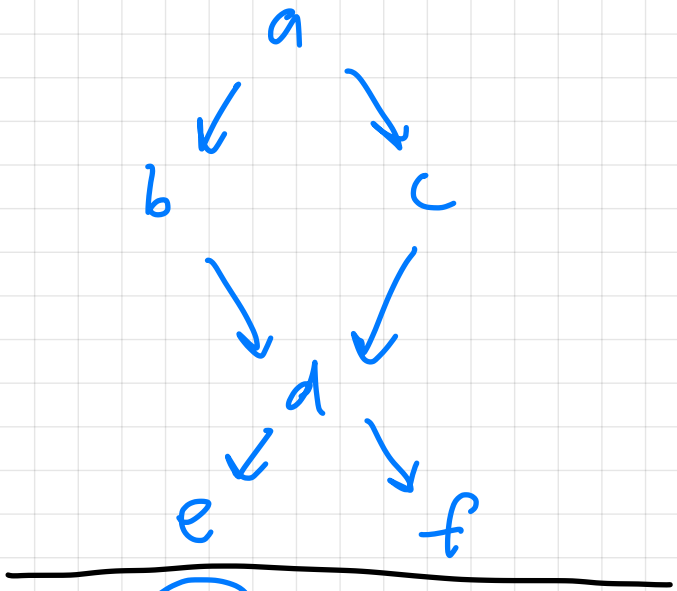
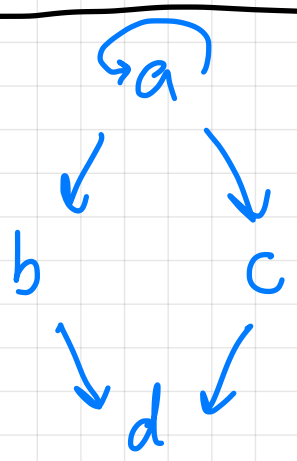
6.) $A = \{a, b, c\}$ and
$R = \{(a, b), (b, b), (a, c)\}$

- non-terminating
- non-confluent
- no unique normal forms

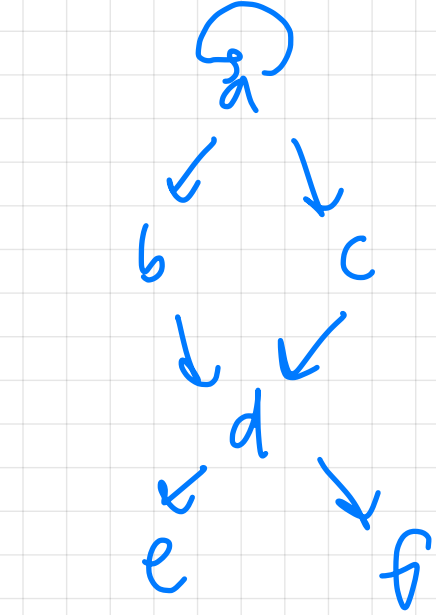
7.) $A = \{a, b, c\}$ and
$R = \{(a, b), (b, b), (a, c), (c, c)\}$



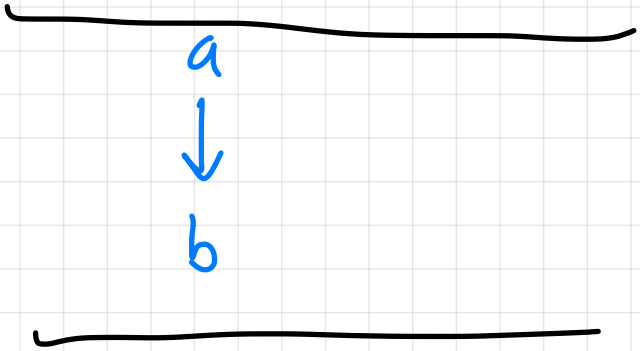
- non-terminating
- non-confluent
- no UNF

confluent	terminating	UNF	Example
true	true	true	
true	true	false	
true	false	true	

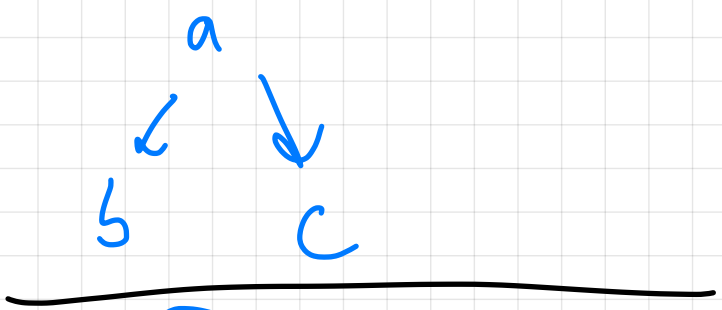
true false false



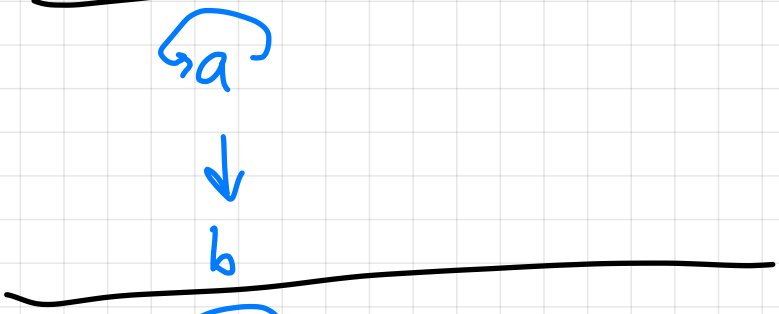
false true true



false true false



false false true



false false false