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Activity 6.2

Convert the following Context Free Grammar to Chomsky's Normal Form (CNF)

S -> ASA
S -> aB
A -> B
A -> S
A -> ?
B -> b
B -> ?

5) S -> Az | xy | b
A -> b | Az | xy
B -> b
Z -> A
x -> S
y -> S

1) S -> ASA | AS | SA | A | aB
A -> B | S
B -> b

2) S -> ASA | aB | b
A -> b | ASA | aB
B -> b

3) S -> AS1 | aB | b
A -> b | AS1 | aB
B -> b
S1 -> SA

4) S -> AS1 | aB | b
A -> b | AS1 | aB
B -> b
S1 -> SA