3.

<first>=<upper>|<first><lower>

<upper>=A|B…Z

<lower>=a|b…z

5.

<X>=X

<Y> = Y

<Z> = Z

<string>=<X>|<string><X>|<string><Z>|<string><Y>|

b.

XX, XY, XZ

6.

a. --\*,-\*\*

b.no, dashes must come first

10. +\*a-b/c++de-fg

no, operators must be followed by 2 letters