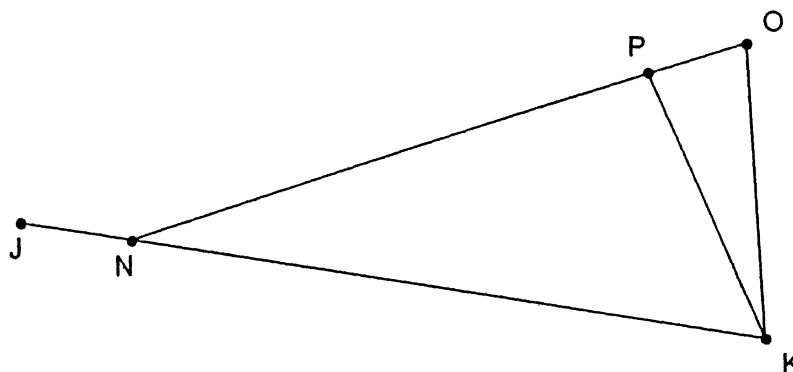### ANSWERS

A)_____

B)_____

C)_____

A)   If sec(x)=2.2 and tan(x)< cos(x) − 2, find the exact value of csc(x) in simplified radical form

B)   If $\triangle$NOK is isosceles with NO = NK = 18, OP = 2, and
cos($\angle$ JNO)= − 0.75 find PK in simplified radical form.

C)   Given DB = 91, AC = 7, EC =8, $\angle$D = 30°, and $\overline{AC} \perp \overline{AB}$ find the exact length of $\overline{AB}$.