1:5=1=0(P:5/P:1). Show that P:5=1+2e1:k

Pis=Pis/Pil
Pis=Pis/Pil
Pis=Pielis
Then, recon that
$$\underset{k=1}{\overset{\sim}{\sum}}$$
 Pik= $\underset{k=1}{\overset{\sim}{\sum}}$ Pinelik
Also, recon that $\underset{k=1}{\overset{\sim}{\sum}}$ Pik= $\underset{k=1}{\overset{\sim}{\sum}}$ Pinelik