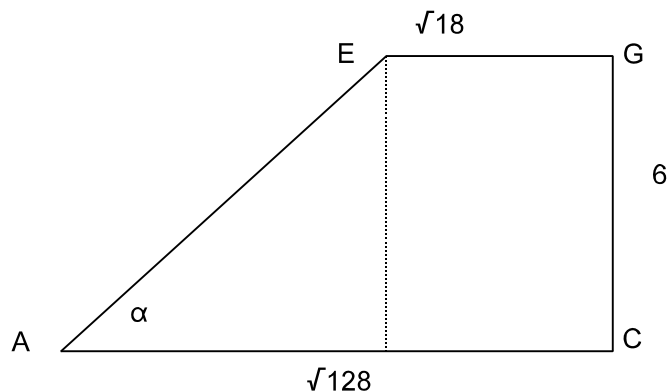


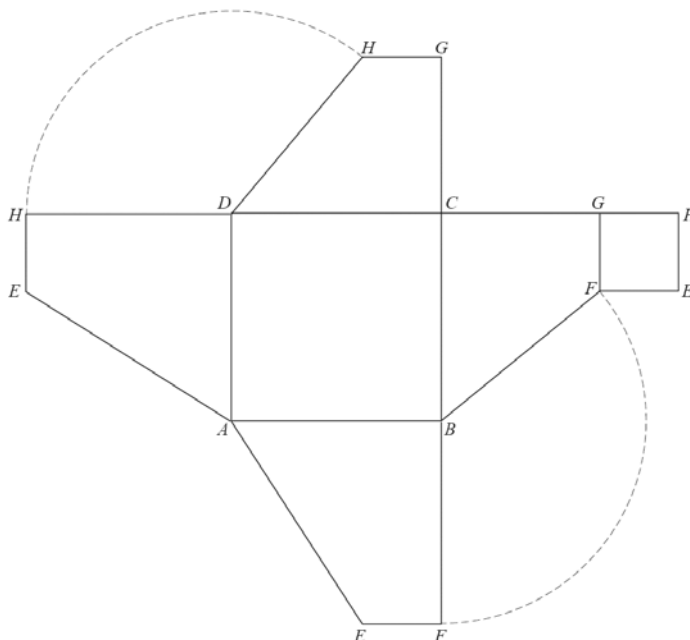
Afgeknotte piramide

7. Dus $\tan \alpha = \frac{6}{\sqrt{128} - \sqrt{18}}$

$\alpha = 40^\circ$



8.



9. $E \cdot ABCD : \frac{1}{3} \cdot h \cdot a^2$
 $C \cdot EFGH : \frac{1}{3} \cdot h \cdot b^2$
 $E \cdot BCF : \frac{1}{3} \cdot b \cdot \frac{1}{2} \cdot a \cdot h$
 $E \cdot HDC : \frac{1}{3} \cdot b \cdot \frac{1}{2} \cdot a \cdot h$

Dus de totale inhoud wordt gegeven door:

$$\frac{1}{3} \cdot h \cdot a^2 + \frac{1}{3} \cdot h \cdot b^2 + 2 \cdot (\frac{1}{3} \cdot b \cdot \frac{1}{2} \cdot a \cdot h) = \frac{1}{3} h a^2 + \frac{1}{3} h b^2 + \frac{1}{3} h a b$$