

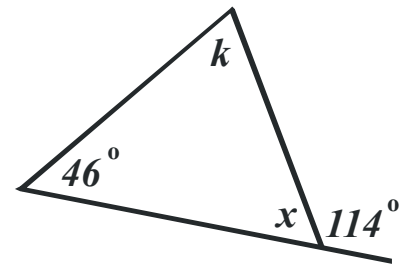
(1) Definieer die volgende:

(a) Gelykbenige driehoek

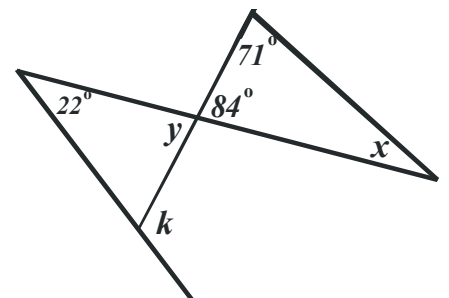
(b) Skerphoekige driehoek

(2) Bereken die waardes van x , y en/of k in elk van die volgende sketse. Gee volledige redes:

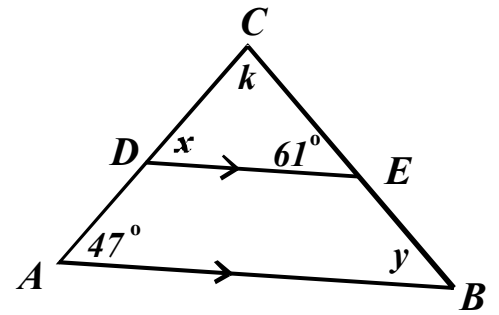
(a)



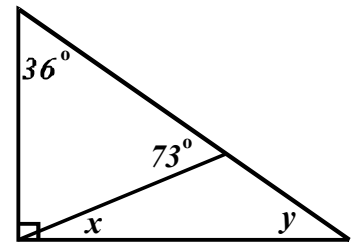
(b)



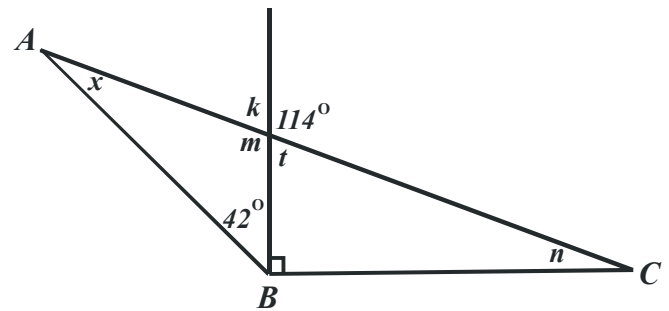
(c)



(d)

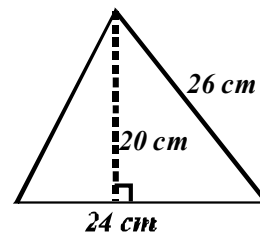


(3) Bewys dat ΔABC gelykbenig is.
Toon alle berekeninge en gee
volledige redes:

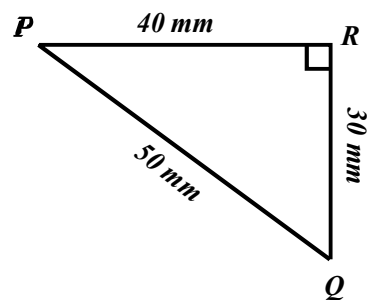


(4) Bepaal die oppervlakte van die driehoek PQR in elk van die volgende:

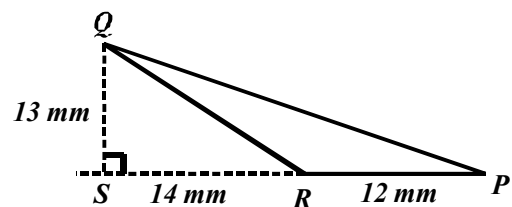
(a)



(b)



(c)



- (5) (a) Konstrueer ΔPKS met $PK = 64 \text{ mm}$, $\hat{P} = 45^\circ$ en $\hat{K} = 60^\circ$.
(b) Konstrueer PR so dat $PR \perp KS$.
(c) Konstrueer KL so dat $KL \perp PS$.
(d) Benoem die snypunt van PR en KL , O .
(e) Verbind SO , en verleng sodat SO PK in T sny.
(f) Meet $\hat{STK}$.