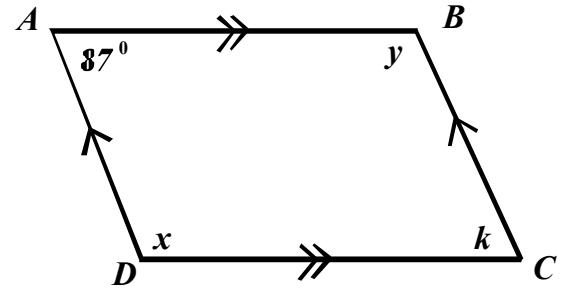
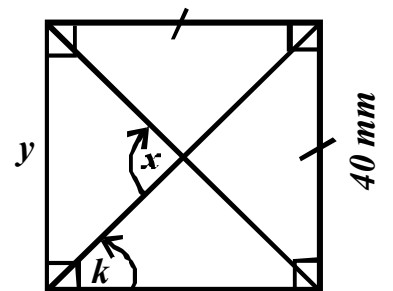


(1) Bepaal die waardes van x , y en / of k . Toon alle bewerkings en gee volledige redes.

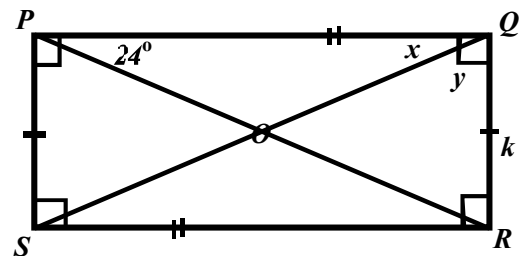
(a)



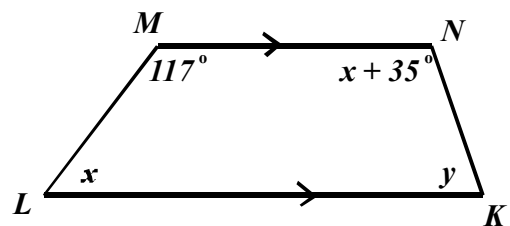
(b)



(c) $SQ = 17$ en $SR = 15$



(d)



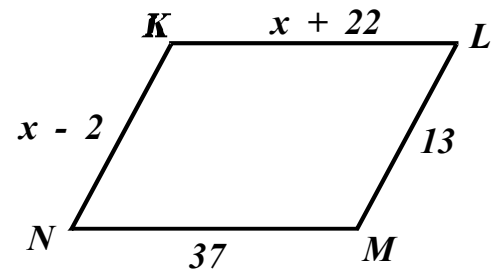
(2) Gee die definisie van die volgende vierhoeke:

(a) Parallelogram

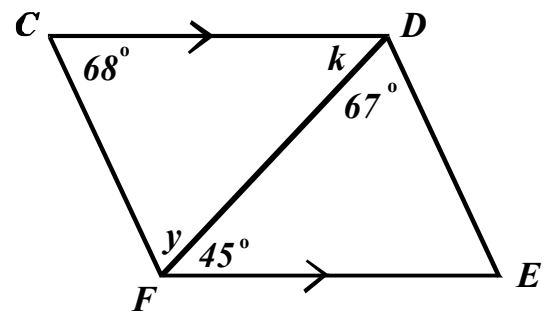
(b) Trapesium

(3) Bewys dat die volgende vierhoeke, parallelogramme is. Toon alle stappe en berekeninge.

(a) $x = 15$ cm



(b)



- (4) (a) Konstrueer $AB = 6 \text{ cm}$.
(b) Konstrueer $\angle CAB = 60^\circ$.
(c) Merk $AC = 60 \text{ mm}$.
(d) Konstrueer $\angle ACD = 120^\circ$, met $CD = 6 \text{ cm}$.
(e) Verbind B en D .
(f) Meet : DB , $\hat{B}$ en $\hat{D}$
(g) Watter tipe vierhoek is $ABDC$? Motiveer jou antwoord.

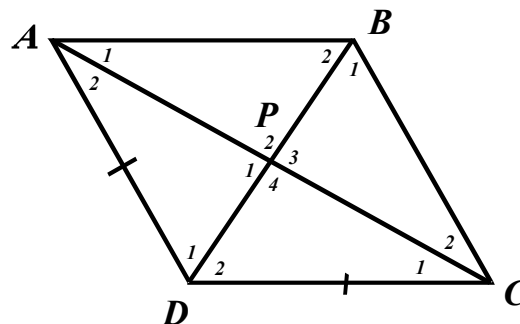
- (5) (a) Wat sal die som van die binnehoeke van 'n reëlmatige negehoek wees?

- (b) Hoe groot sal elke individuele binnehoek van die reëlmatige negehoek wees?

- (c) Hoe groot sal 'n buitehoek van die reëlmatige negehoek wees?

- (d) Gee 'n sinoniem vir 'n reëlmatige negehoek.

- (6) In die skets is $AB \parallel DC$ en $AD \parallel BC$.
Bestudeer die skets en vul die
ontbrekende gedeeltes in:



Bewering:

Rede:

(a) ABCD is 'n parallellogram

(b) ABCD is 'n ruit

(c) $\hat{A}_1 = \hat{C}_1$

(d) $\hat{D}_1 = \hat{D}_2$

(e) _____

Diagonale $\perp$ op mekaar

(f) _____

Teenoorstaande sye van ruit ewe lank