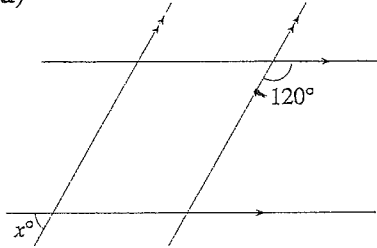


[18-04-05-SH]

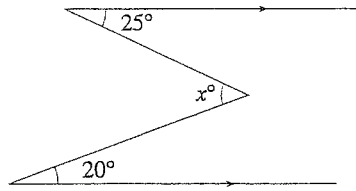
Chapter 9

8. Find the value of  $x$  in each of the following figures.

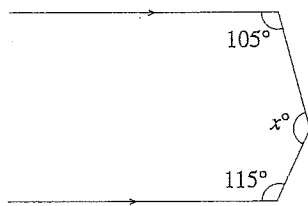
(a)



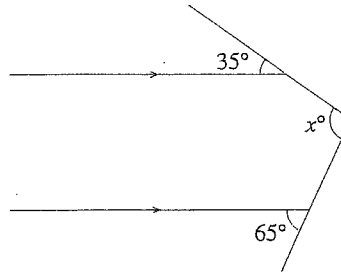
(b)



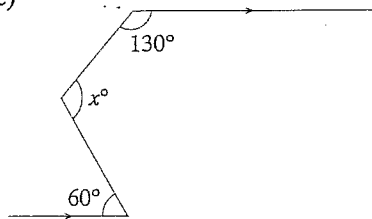
(c)



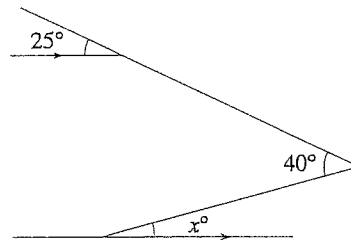
(d)



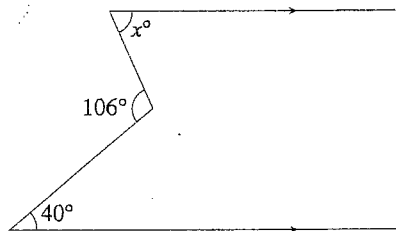
(e)



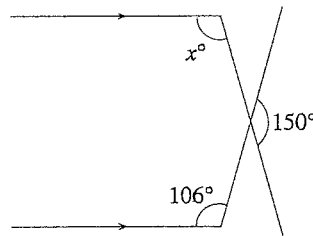
(f)



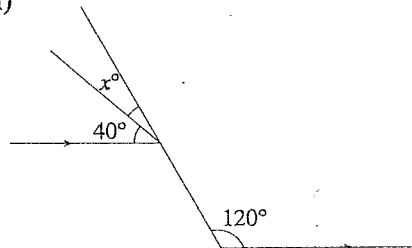
(g)



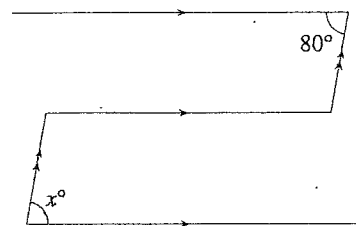
(h)



(i)



(j)



1. (a)  $\widehat{SBQ}$ ,  $\widehat{BQC}$ ,  $\widehat{NQT}$  (b)  $\widehat{CQT}$ ,  $\widehat{QBR}$ ,  $\widehat{HBS}$
2.  $360^\circ$                       3. Yes                      4. Yes
5. (a) Yes                      (b) Yes                      (c) Yes  
(d) They are equal.
6.  $\widehat{HAF}$  and  $\widehat{BCG}$ ,  $\widehat{FAB}$  and  $\widehat{GCE}$
7.  $FG \parallel BC$ ,  $FB \parallel CD$ ,  $BC \parallel DE$ ,  $FG \parallel DE$
8. (a) 60                      (b) 45                      (c) 140  
(d) 100                      (e) 110                      (f) 15  
(g) 66                      (h) 104                      (i) 20  
(j) 80
9. (a) 36                      (b) 36                      (c) 60  
(d)  $39\frac{1}{6}$
10. (a)  $20^\circ$                       (b)  $135^\circ$                       (c)  $92^\circ$   
(d)  $125^\circ$
11. (a)  $DX \parallel YQ$ ,  $BX \parallel YR$   
(b)  $CD \parallel EF$ ,  $AB \parallel GH$ ,  $JK \parallel PQ$