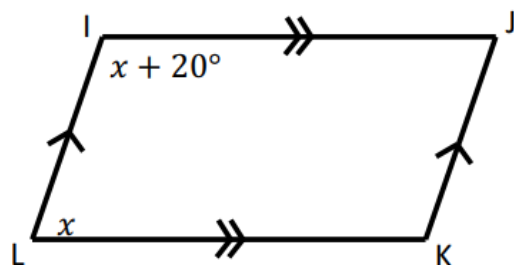


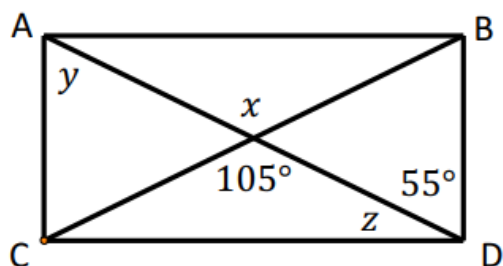
Find the values of unknown angles. Also state the reasons

1.

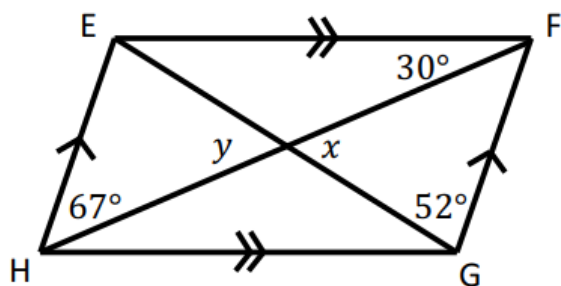


2.

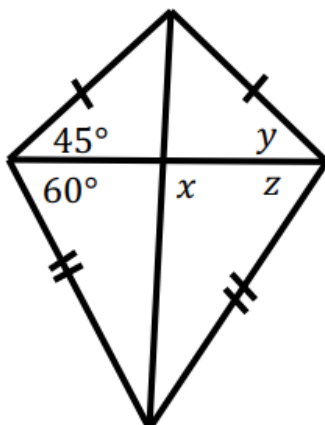
$ABCD$  is a rectangle.



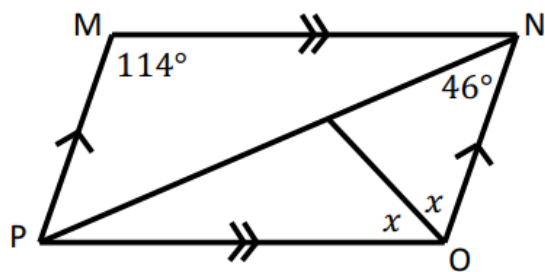
3.



4.



5.



## Answers

1.  $X = 80$
2.  $X = 105$  ;  $y = 55$  ;  $z = 35$
3.  $X = 61$  ;  $y = 61$
4.  $X = 90$  ;  $y = 45$  ;  $z = 60$
5.  $X = 57$