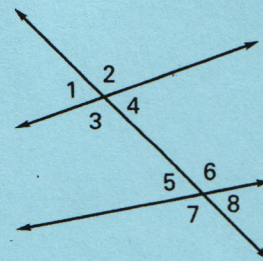


Practice A

For use with pages 143–149

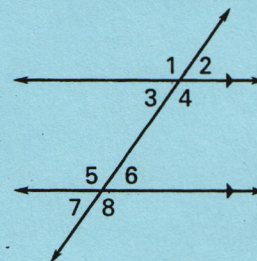
Name the relationship between the pair of angles.

- | | |
|------------------------------|------------------------------|
| 1. $\angle 1$ and $\angle 5$ | 2. $\angle 2$ and $\angle 7$ |
| 3. $\angle 3$ and $\angle 6$ | 4. $\angle 8$ and $\angle 5$ |
| 5. $\angle 4$ and $\angle 6$ | 6. $\angle 8$ and $\angle 4$ |

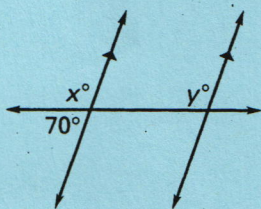


State the postulate or theorem that justifies the statement.

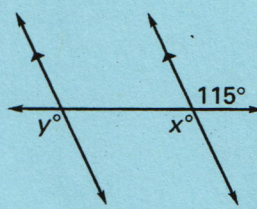
7. $\angle 3 \cong \angle 7$
 8. $\angle 3 \cong \angle 6$
 9. $\angle 2 \cong \angle 7$
 10. $m\angle 4 + m\angle 6 = 180^\circ$

Find the values of x and y .

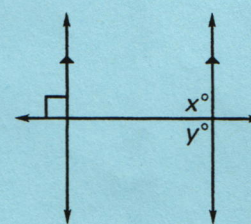
11.



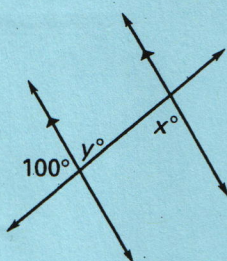
12.



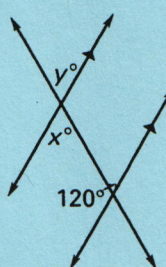
13.



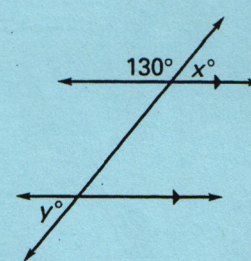
14.



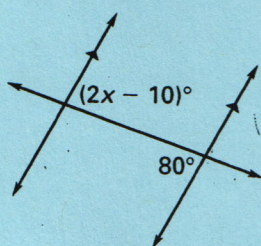
15.



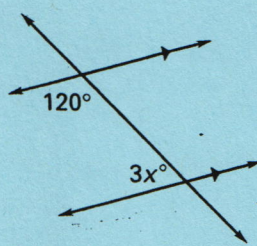
16.

Find the value of x .

17.



18.



19.

