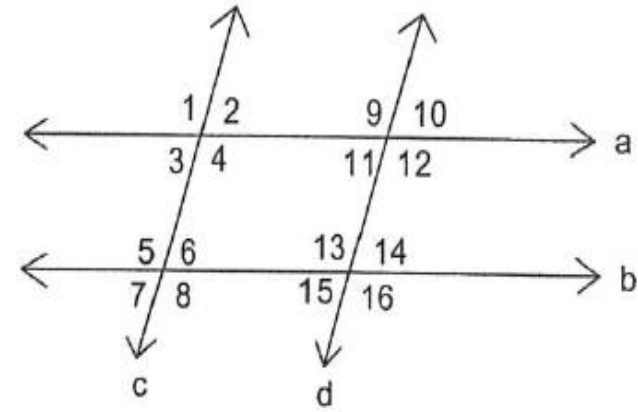


1. Given: $a \parallel b$; $c \parallel d$

Prove: $\angle 1 \cong \angle 13$

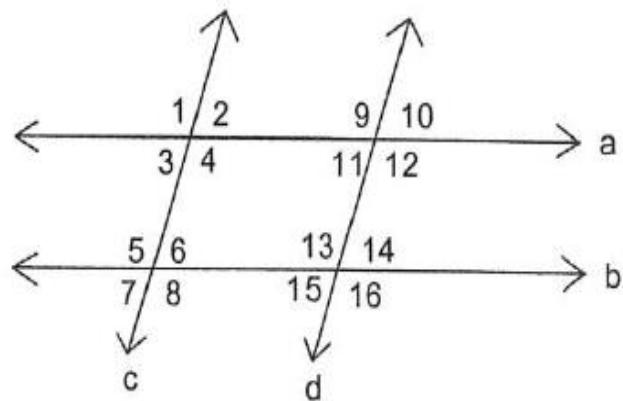


Statements	Reasons
1. $a \parallel b$; $c \parallel d$	1.
2. $\angle 1 \cong \angle 12$	2.
3. $\angle 12 \cong \angle 13$	3.
4. $\angle 1 \cong \angle 13$	4.

2. Given: $a \parallel b$

Prove: $m\angle 9 + m\angle 14 = 180^\circ$

Statements	Reasons
1. $a \parallel b$	1.
2. $m\angle 9 + m\angle 11 = 180^\circ$	2.
3. $m\angle 11 = m\angle 14$	3.
4. $m\angle 9 + m\angle 14 = 180^\circ$	4.

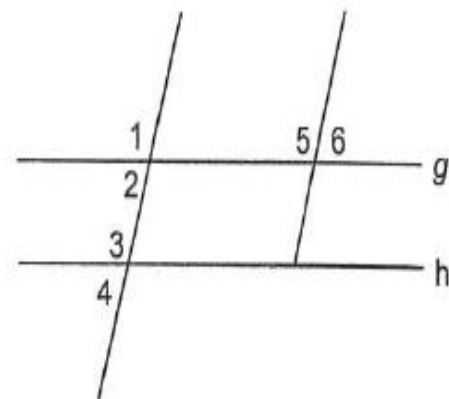


4. Given: $g \parallel h$; $\angle 1 \cong \angle 5$

Prove: $\angle 5 \cong \angle 3$

Statements

Reasons



5. Given: $g \parallel h$; $\angle 6$ & $\angle 3$ are supplementary

Prove: $\angle 6 \cong \angle 2$

<u>Statements</u>	<u>Reasons</u>
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