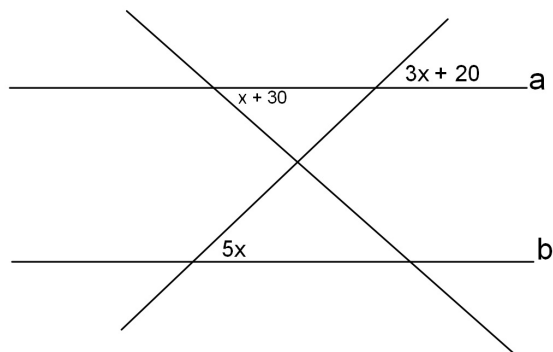


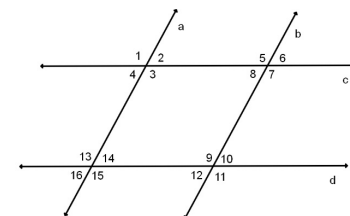
1. Find the value for x that makes $a \parallel b$



2. Given: $a \parallel b$ and $c \parallel d$
Prove: $\angle 13$ & $\angle 8$ are supplementary

Start by planning it out

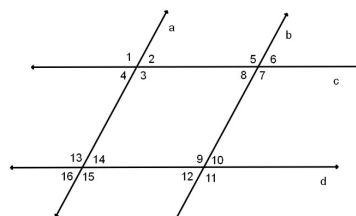
Statement	Reason
1. $a \parallel b$ and $c \parallel d$	1. Given



3. Write a proof.
Given: $c \parallel d$ & $\angle 1 \cong \angle 9$

Prove: $a \parallel b$

Start by planning it out.



Statement	Reason
1. $c \parallel d$ & $\angle 1 \cong \angle 9$	1. Given

4. Given: $a \parallel b$ and $\angle 7$ & $\angle 16$ are supplementary

Prove: $c \parallel d$

Start by planning it out

Statement	Reason
1. $a \parallel b$ and $\angle 7$ & $\angle 16$ are supplementary	1. Given

