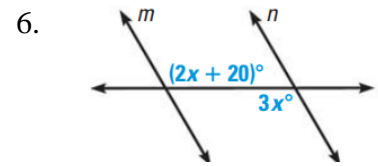
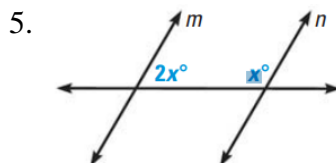
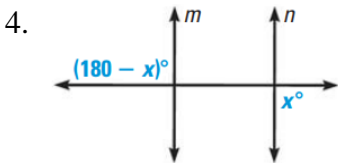
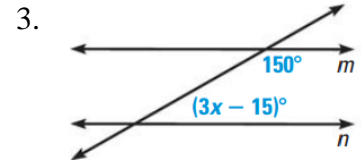
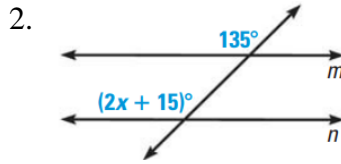
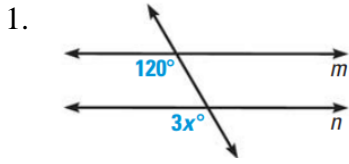
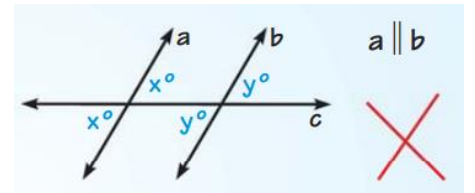


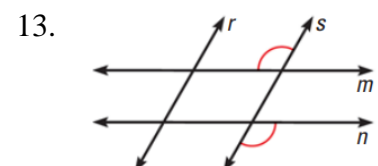
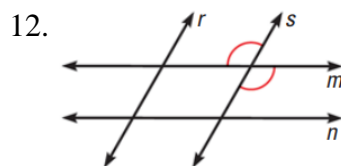
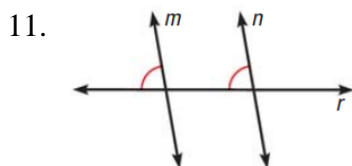
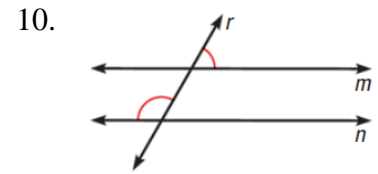
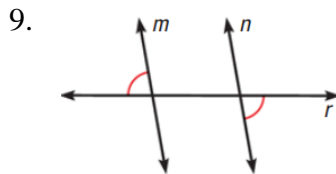
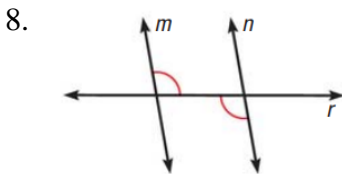
Find the value of  $x$  that makes  $m \parallel n$ .



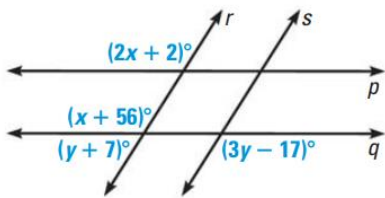
7. A student concluded that lines  $a$  and  $b$  are parallel. Describe and correct the student's error.



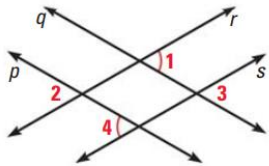
Is there enough information to prove  $m \parallel n$ ? If so, state the postulate or theorem you would use.



14. Find the value of  $x$  so that  $p \parallel q$  and  $y$  so that  $r \parallel s$ .



15. You know that  $\angle 1 \cong \angle 4$ . What can you conclude?



A.  $p \parallel q$

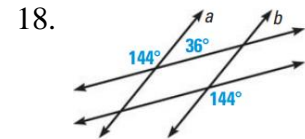
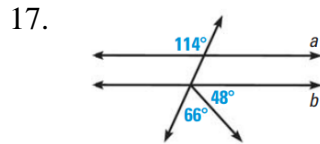
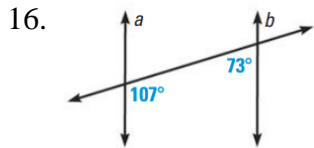
B.  $r \parallel s$

C.  $\angle 2 \cong \angle 3$

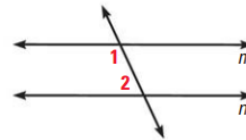
D.  $\angle 1 \cong \angle 3$

E. None of the Above

Can you prove that lines  $a$  and  $b$  are parallel? If so, explain how.

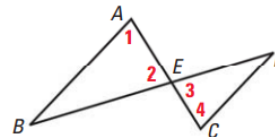


19. **Given:**  $m\angle 1 = 115^\circ$  and  $m\angle 2 = 65^\circ$   
**Prove:**  $m \parallel n$



Statement	Reason
1. _____	1. _____
2. $115^\circ + 65^\circ = 180^\circ$	2. Addition
3. $m\angle 1 + m\angle 2 = 180^\circ$	3. _____
4. $\angle 1$ and $\angle 2$ are supplementary	4. _____
5. _____	5. _____

20. **Given:**  $\angle 1 \cong \angle 2$ ,  $\angle 3 \cong \angle 4$   
**Prove:**  $\overline{AB} \parallel \overline{CD}$



Statement	Reason
1. _____	1. _____
2. $\angle 2 \cong \angle 3$	2. _____
3. _____	3. _____
4. _____	4. _____