

Name _____

Date _____

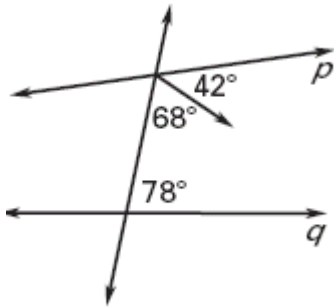
LESSON 3.3

Practice C

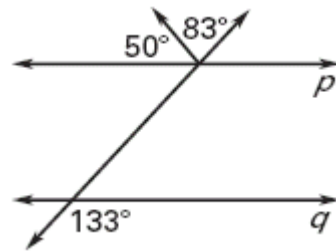
For use with pages 161–169

Is there enough information to prove that lines p and q are parallel? If so, state the postulate or theorem you would use.

1.

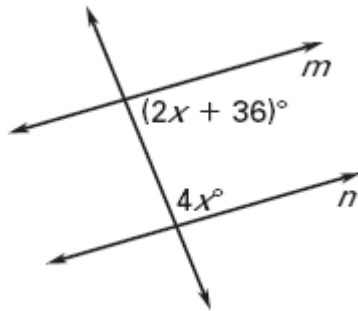


2.

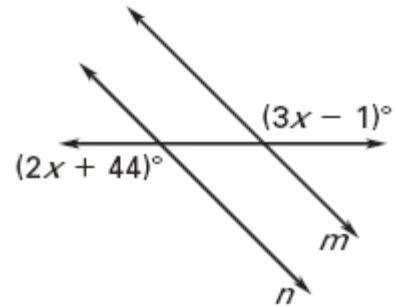


Find the value of x that makes $m \parallel n$.

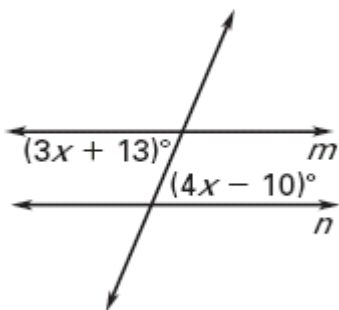
3.



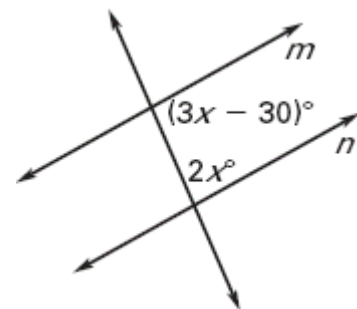
4.



5.



6.



In Exercises 7-11, use the diagram and the given information to determine if $m \parallel n$, $p \parallel q$, or neither.

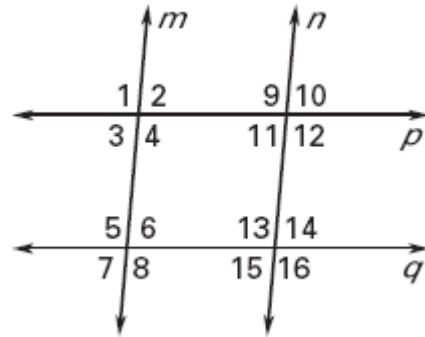
7. $\angle 3 \cong \angle 10$

8. $\angle 1 \cong \angle 13$

9. $\angle 4 \cong \angle 11$

10. $\angle 12 \cong \angle 13$

11. $\angle 3 \cong \angle 14$

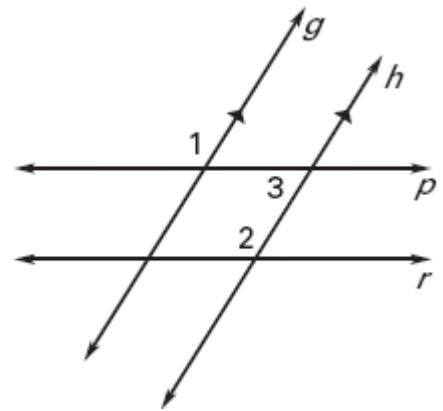


Complete the two-column proof.

12. GIVEN: $g \parallel h$, $m\angle 1 = 122^\circ$, $m\angle 4 = 122^\circ$

PROVE: $p \parallel r$

Statements	Reason



Write a paragraph proof.

13. GIVEN: $g \parallel h$, $\angle 1$ and $\angle 2$ are supplementary

PROVE: $p \parallel r$

