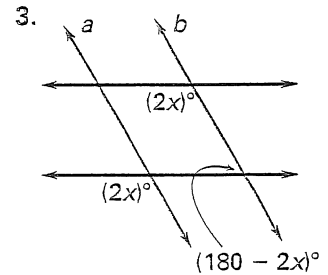
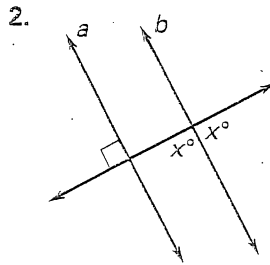
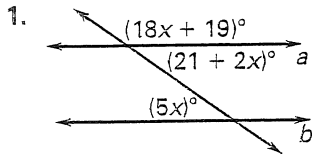


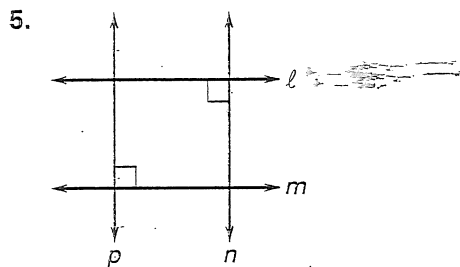
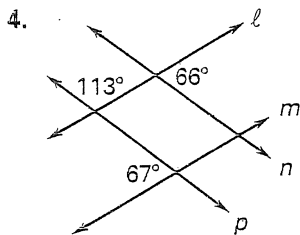
**Practice C**

For use with pages 157-164

Explain how you would show that  $a \parallel b$ .



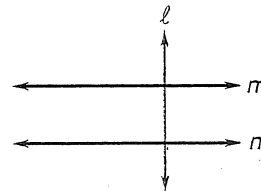
Determine which lines, if any, must be parallel. Explain your reasoning.



6. Draw an obtuse angle. Construct an angle congruent to it.
7. Draw a horizontal line. Construct a line parallel to it through a point not on the line.
8. **Proof:** Write a two-column proof of Theorem 3.12.

Given:  $m \perp l, n \perp l$

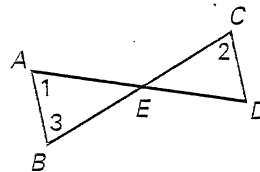
Prove:  $m \parallel n$



9. **Proof:** Write a two-column proof.

Given:  $\angle 1 \cong \angle 2, \angle 1 \cong \angle 3$

Prove:  $\overline{AB} \parallel \overline{CD}$



10. **Proof:** Write a two-column proof.

Given:  $\angle 1 \cong \angle 2, \angle 3 \cong \angle 4$

Prove:  $l \parallel m$

