

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

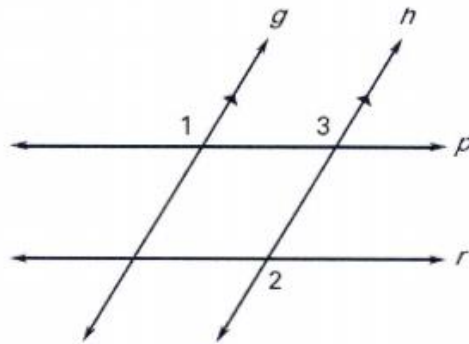
6H12: Proving lines are parallel homework

Write the proofs below

9. **GIVEN:**  $g \parallel h$ ,  $\angle 1 \cong \angle 2$

**PROVE:**  $p \parallel r$

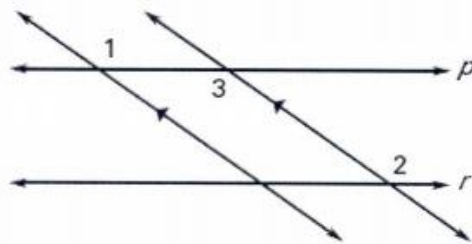
Statements \_\_\_\_\_ Reasons \_\_\_\_\_



10. **GIVEN:**  $n \parallel m$ ,  $\angle 1 \cong \angle 2$

**PROVE:**  $p \parallel r$

Statements \_\_\_\_\_ Reasons \_\_\_\_\_



11. **GIVEN:**  $g \parallel h$ ,  $\angle 1$  and  $\angle 4$  are supplementary

**PROVE:**  $p \parallel r$

Statements \_\_\_\_\_ Reasons \_\_\_\_\_

