Geometry
Unit 3 Supplementary and Complementary Proofs

Name:
Date: Period: 1 2 3 4 5 6

1. Given: $\angle 1$ and $\angle 4$ are supplementary
$\angle 4$ and $\angle 7$ are supplementary

Prove: $\angle 1 \cong \angle 7$

Statements	Reasons

3. Given: $\angle 2$ and $\angle 5$ are complementary
$\angle 5$ and $\angle 6$ are complementary

Prove: $\angle 2 \cong \angle 6$

Statements	Reasons

2. Given: $\angle A$ and $\angle G$ are supplementary
$\angle G$ and $\angle K$ are supplementary

Prove: $\angle A \cong \angle K$

Statements	Reasons

4. Given: $\angle B$ and $\angle D$ are complementary
$\angle D$ and $\angle L$ are complementary

Prove: $\angle B \cong \angle L$

Statements	Reasons