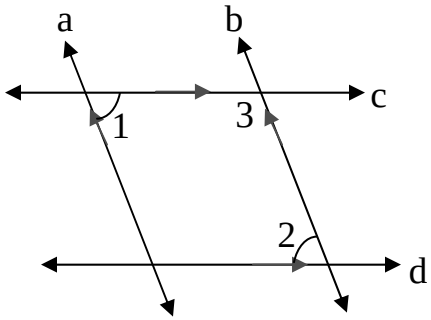
Geometry
Unit 3 Proofs A

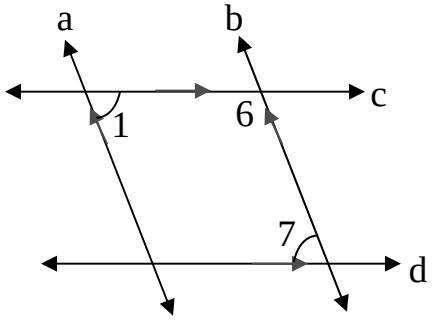
Name:
Date: Period: 1 2 3 4 5 6

1. Given: a || b
$\angle 1 \cong \angle 2$
Prove: c || d



Statements	Reasons

2. Given: a || b
$\angle 1 \cong \angle 7$
Prove: c || d



Statements	Reasons

3. Given: $\angle$ 1 and $\angle$ 3 are supplementary
$\angle$ 3 and $\angle$ 5 are supplementary
Prove: $\angle 1 \cong \angle 5$

Statements	Reasons

4. Given: $\angle$ 2 and $\angle$ 4 are supplementary
$\angle$ 4 and $\angle$ 8 are supplementary
Prove: $\angle 2 \cong \angle 8$

Statements	Reasons