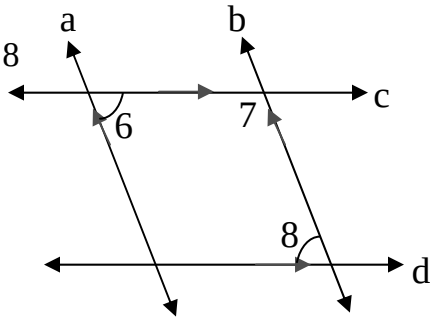
Geometry

Unit 3 Proofs B

Name:

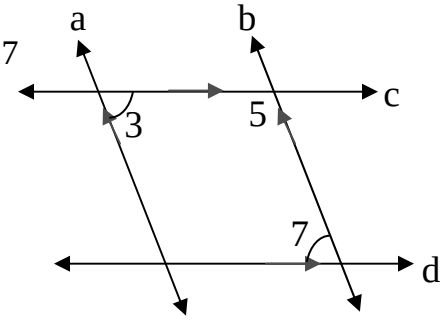
Date: Period: 1 2 3 4 5 6

1. Given: a || b
   $\angle 6 \cong \angle 8$
   Prove: c || d



Statements	Reasons

2. Given: a || b
   $\angle 3 \cong \angle 7$
   Prove: c || d



Statements	Reasons

3. Given: $\angle$ 3 and $\angle$8 are supplementary
   $\angle$ 8 and $\angle$ 6 are supplementary
   Prove: $\angle 3 \cong \angle 6$

Statements	Reasons

4. Given: $\angle$ 3 and $\angle$ 4 are complementary
   $\angle$ 4 and $\angle$ 6 are complementary
   Prove: $\angle 3 \cong \angle 6$

Statements	Reasons