Name _____

Block _____

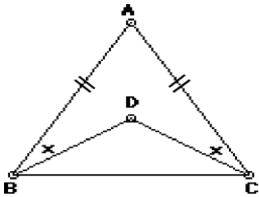# 7.1 Geometric Proofs Worksheet

Instructions: Complete the proofs.

1.

Given: AB = AC
              ∠ABD = ∠ACD

Prove: DB = DC

Proof:

Statements	Reasons
AB = AC	
	Isoceles Triangle Theorem
∠ABD = ∠ACD	
	Subtraction property
∠DBC = ∠DCB	
DB = DC	

2.

Given: PT = RT
              QT = ST

Prove: PQ = RS

Proof: