

7.1 Geometric Proofs Worksheet

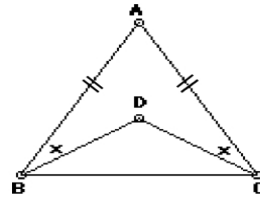
Instructions: Complete the proofs.

1.

Given: $AB = AC$
 $\angle ABD = \angle ACD$

Prove: $DB = DC$

Proof:



Statements	Reasons
$AB = AC$	
	Isosceles Triangle Theorem
$\angle ABD = \angle ACD$	
	Subtraction property
$\angle DBC = \angle DCB$	
$DB = DC$	

2.

Given: $PT = RT$
 $QT = ST$

Prove: $PQ = RS$

Proof:

