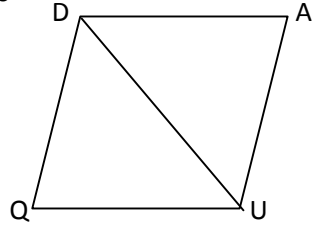


Geometry (G.CO.11)

Unit6 Notes6: Special Parallelogram Proofs

1. Given: $\triangle QUD \cong \triangle ADU$;
 $AD \cong AU$

Prove: QUAD is a rhombus

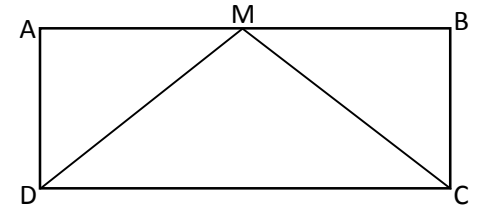


Statements	Reasons

Name: _____

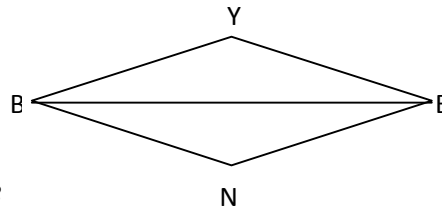
Date: _____ Period: _____

2. Given: ABCD is a rectangle;
M is the midpoint of AB .
Prove: $\triangle DMC$ is isosceles with
base DC



Statements	Reasons

3. Given: $BY \cong BN$; $YE \cong NE$

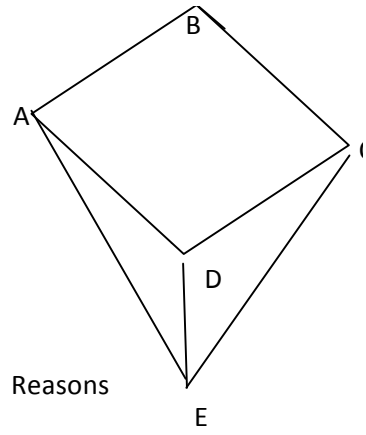


Prove: BE bisects $\angle E$; BE bisects $\angle B$

Statements

Reasons

4. Given: ABCD is a rhombus; $AE \cong CE$



Prove: $\angle ADE \cong \angle CDE$

Statements

Reasons