

Name: _____

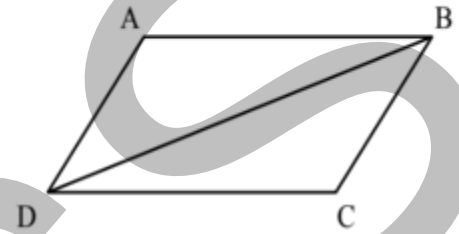
Math 404

GEOMETRIC PROOFS

CONGRUENCY PROOFS

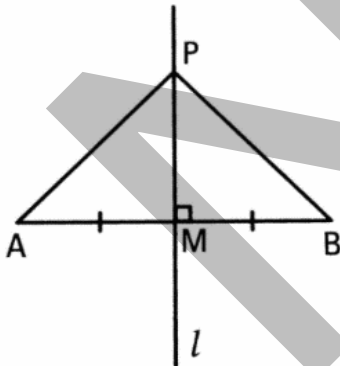
Prove $\triangle ABD \cong \triangle BCD$

Diagonal BD is drawn in *parallelogram* ABCD shown below.



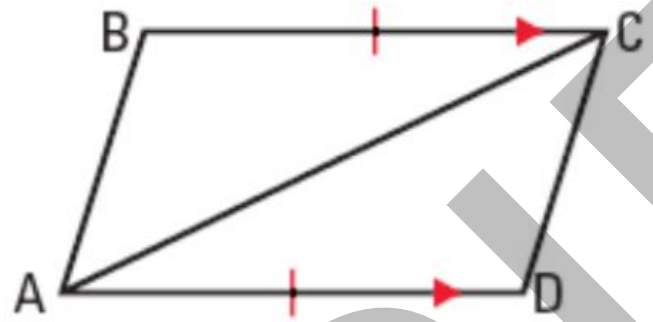
Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.

Prove that $\triangle AMP \cong \triangle BMP$.



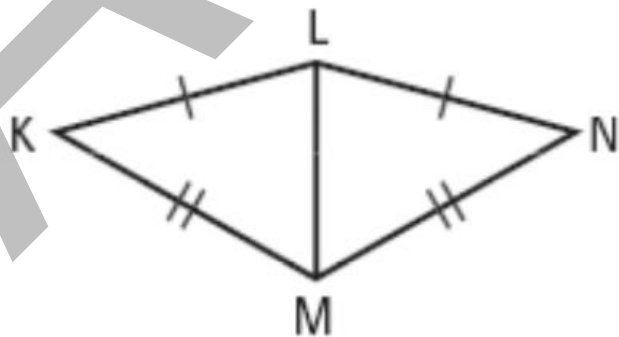
Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.

Prove $\triangle ABC \cong \triangle ACD$



Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.

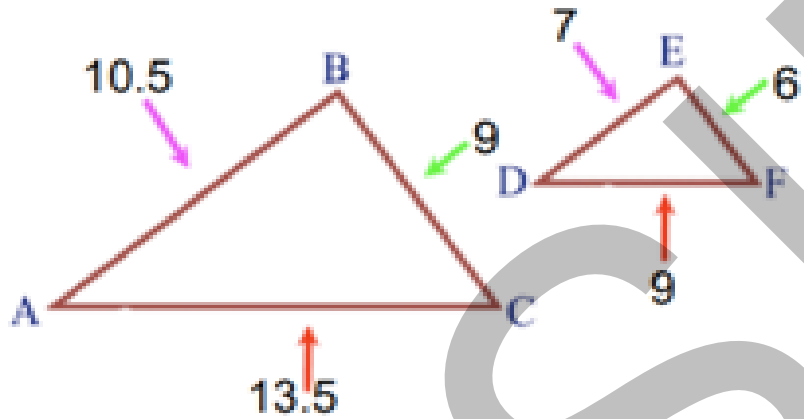
Prove $\triangle KLM \cong \triangle LMN$



Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.

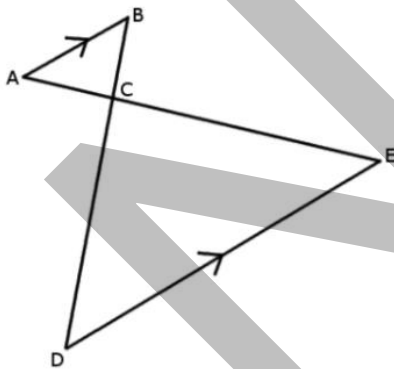
SIMILARITY PROOFS

Prove $\triangle ABC \cong \triangle DEF$



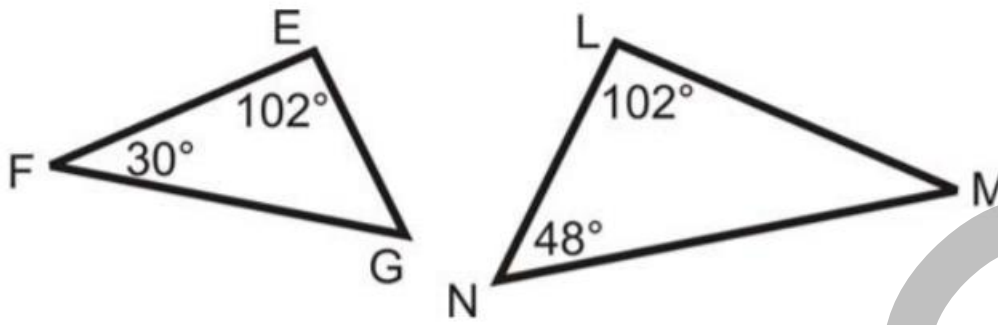
Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.

Prove $\triangle ABC \cong \triangle CDE$



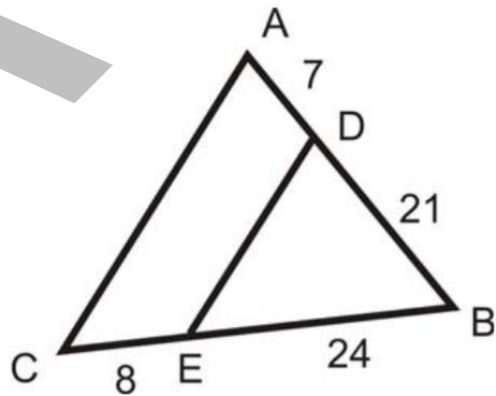
Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.

Prove $\triangle EFG \sim \triangle LMN$



Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.

Prove $\triangle BDE \sim \triangle BAC$



Statements	Reasons
1.	1.
2.	2.
3.	3.
4.	4.