

Geometry Honors 5-3 Proofs

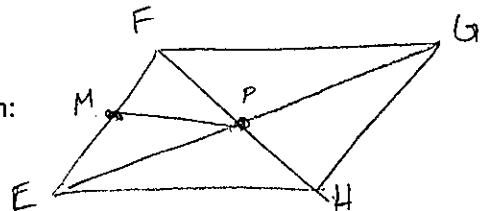
Name Hey

1. EFGH is a parallelogram whose diagonals intersect at P. M is the midpoint of \overline{EF} . Prove that

$$MP = \frac{1}{2} EH$$

Given: $\square EFGH$
M is mdpt. of \overline{EF}

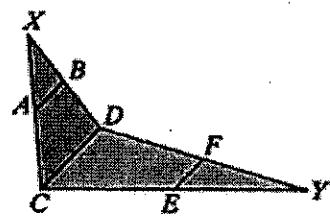
Diagram:



Prove: $MP = \frac{1}{2} EH$

2. Given: Points A, B, E, F are the midpoints of \overline{XC} , \overline{XD} , \overline{YC} and \overline{YD} .

Prove: $AB = EF$



- * ~~DE~~ || ~~BC~~ → MISSING

Prove: $DF = AE$

