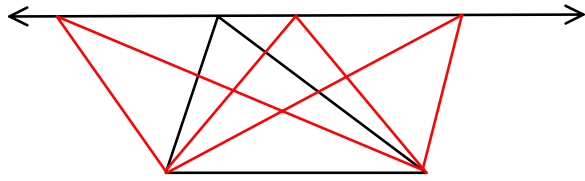
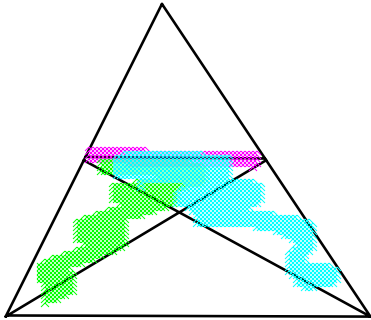


HW Discussion

Monday, February 22, 2010
11:01 AM

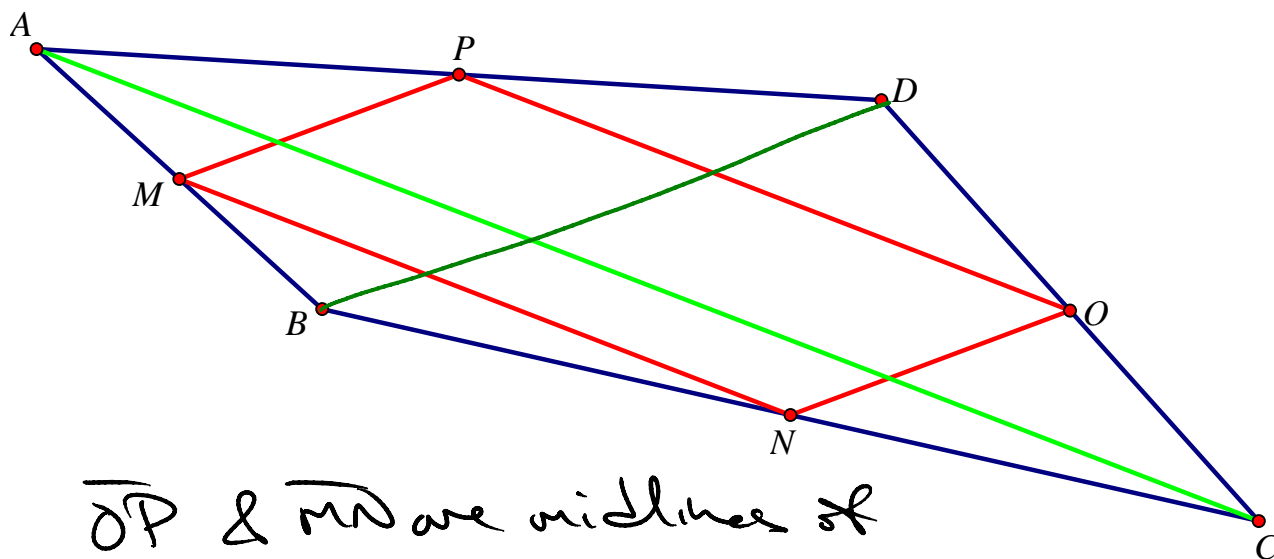


Area is invariant
→ height & base stay same
→ distance between \parallel lines
is invariant.



Varignon Quads and Beyond!

Monday, February 22, 2010
11:23 AM



\overline{OP} & \overline{MN} are midlines of
 $\triangle ADC$ & $\triangle ABC$

$\Rightarrow \overline{OP} \parallel \overline{AC}$ & $\overline{MN} \parallel \overline{AC} \Rightarrow \overline{OP} \parallel \overline{MN}$

$\rightarrow \overline{OP} = \frac{1}{2}\overline{AC}$ and $\overline{MN} = \frac{1}{2}\overline{AC} \Rightarrow \overline{OP} = \overline{MN}$

Draw \overline{BD} ; $\overline{MP} \parallel \overline{NO}$