1046-51-756 **R KillGrove***, 2041 W. Vista Way 7245, Vista, CA 92083, and **L Taylor** and **D Koster**. *Two Neat Results In Elementary Geometry.*

Axioms of an ordered plane use the ternary relation $\omega$ABC, eg. *Self–Dual Confined Configuations With Ten Points*, **Ars Comb 67** (2003) 37–63. In $E^2$ for A:($A_1$,$A_2$) and C:($C_1$,$C_2$) with A$\neq$C and B:($B_1$,$B_2$) satisfy $\omega$ABC iff $\exists$ $t$, $0 < t < 1$ $\ni$ for i=1,2 $B_i$= t$A_i$+(1-t)$C_i$. For $\triangle$ $P_1P_2P_3$ (triangle $P_1P_2P_3$) and let $\triangle$ $Q_1Q_2Q_3$ be where $\omega P_1Q_3P_2$, $\omega P_2Q_1P_3$, and $\omega P_3Q_2P_1$ using the same $t$. Special case: A:($u$,$v$), $0 < u < 1$, $v > 0$, B:(0,0), C:(1,0), A$'$:($1-t$,0), B$'$:($t+(1-t)u$, $(1-t)v$) C$'$:($tu$, $tv$). The charm: areas of $\triangle$AB$'$C$'$, $\triangle$A$'$BC$'$, and $\triangle$A$'$B$'$C are equal. Koster has shown finite field planes (analytic geometry in the field) whose orders are congruent to 2 mod 3, except 2, satisfy all the axioms of an ordered plane except the Pasch axiom. These are ordered planes even though their defining fields are not ordered. (Received September 10, 2008)