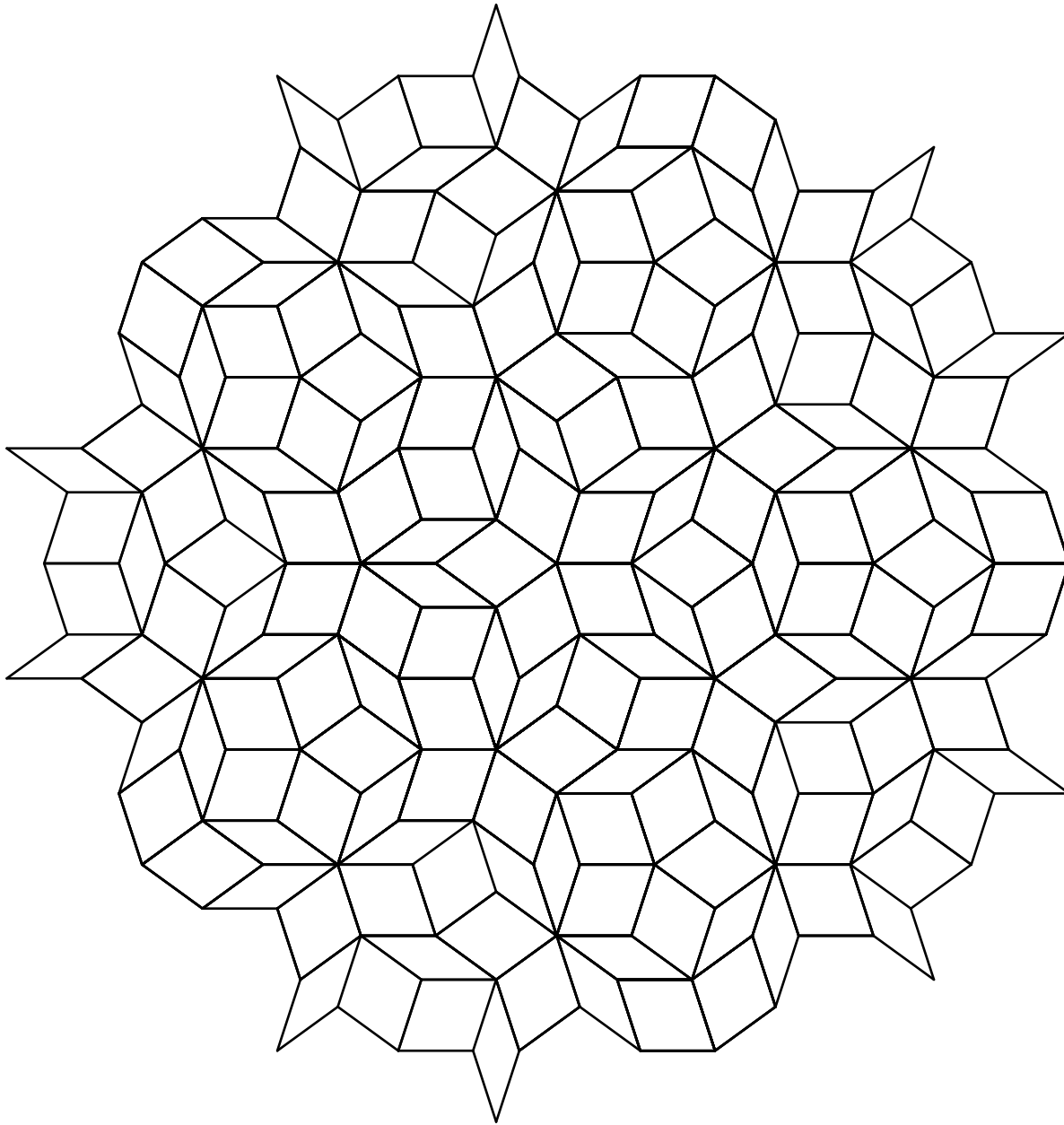


## Penrose Tiling



Axiom:  $[X]^2 + [X]^2 + [X]^2 + [X]^2 + [X]$

Rules:

$F \Rightarrow$

$W \Rightarrow YF^2 + ZF^4 - XF[-YF^4 - WF]^2 +$

$X \Rightarrow +YF^2 - ZF[3 - WF^2 - XF] +$

$Y \Rightarrow -WF^2 + XF[3 + YF^2 + ZF] -$

$Z \Rightarrow 2 - YF^4 + WF[+ZF^4 + XF]^2 - XF$