



1 N → STAR ORDER  
 LIGHT COLOURED SOLIDS ARE COMPOSITES  
 E.G. {9/3} = 3 OF {3/1}

NUMBER OF SIDES OF POLYGON

ANTIPRISMS OF 29 - AGON

IF  $N$  = THE NUMBER OF SIDES OF THE POLYGON  
 &  $M$  = THE STAR ORDER  
 (ORDER = 2, IF CENTRE IS CIRCLED TWICE, ETC)  
 THEN AN UNIQUE NORMAL ANTIPRISM EXISTS IF:  
 $N$  &  $M$  HAVE NO COMMON FACTOR  
 IN ADDITION, AN UNIQUE REFLEX ANTIPRISM EXISTS IF:  
 $\sqrt{3} \cdot \sin(\theta) - \cos(\theta) > 1$  : WHERE  $\theta = \pi \cdot M / N$   
 AND  $2 \cdot M < N$