Dividing PN by 2 until ODD is reached gives x,y z, AND, the Rectangles 3•4->7 =z =Mp, 14•14->196 (Square) =4MPS, and 10•18-> 224 =8PN. RED

$z=7$ xy=CR 12 14 16 x^2 =PNS 28=PN

*PD$_i$=16^2=256=PN crosses PD

256/64 = 4 STEPS

496/124 = 4 STEPS

PN
- x/2   + x/2
CR = xy   PN/2 x^2 = PNS
PN/2...

ODD=z
(z+1)/2=x
y=x-1

x = 2^n and always EVEN ÷ 4 2^{p-1}
y = x -1 and always ODD
z = 2x -1 and always ODD 2^p -1
PN=xz and always EVEN
CR=xy and always EVEN
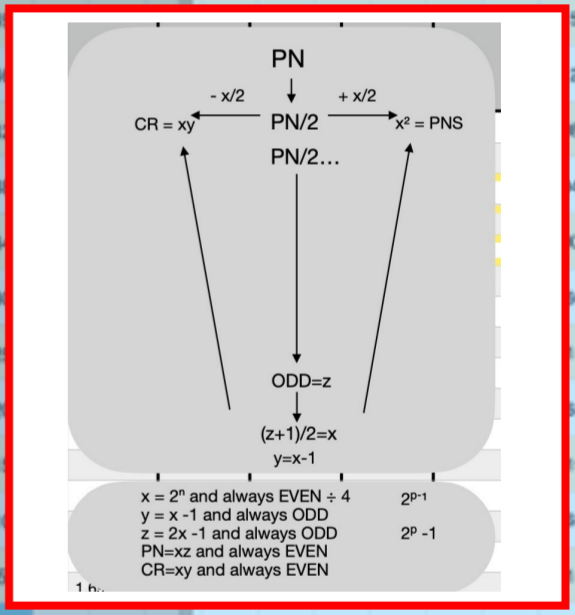
Locate PN=28 on BIM Axis, where it will cross the PD at 14^2 or PN/2. Sequential division of the PN down to its first ODD=7=z. (z+1)/2=x=4. y=x-1=(z-1)/2=3. The Axial span that = x is 12 and 16, that sum to 28. The 12=xy=CR and the 16=x^2=PNS.8PN=224 @Row18 by Col10. 4MPS=196 @ Row14 by Col14. Row4 by Col3 = 7 =x = Mersenne Prime.