

0	1	2	3	4	5	6	7	8	9	10
1	#3	#4	#5	15	24	35	48	63	80	99
2				12	21	32	45	60	77	96
3				7	16	27	40	55	72	91
4	15	12	7	16	9	20	33	48	65	84
5	24									
6	35									
7	48									
8	63									
9	80									
10	99									

PN
=6

+

OC
=3

$p=2$
 $2p=4$
 $M_p=3$
 $M_p^2=9$

PN=Perfect Number
OC=ODD Complement

$M_p^2 = PN + OC = 6 + 3 = 9 = 3^2$
 $M_p = \text{Mersenne PRIME} = 3$

Every Perfect Number has an EVEN AREA that combines with its ODD Complement AREA to equal the Square of its Mersenne Prime

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