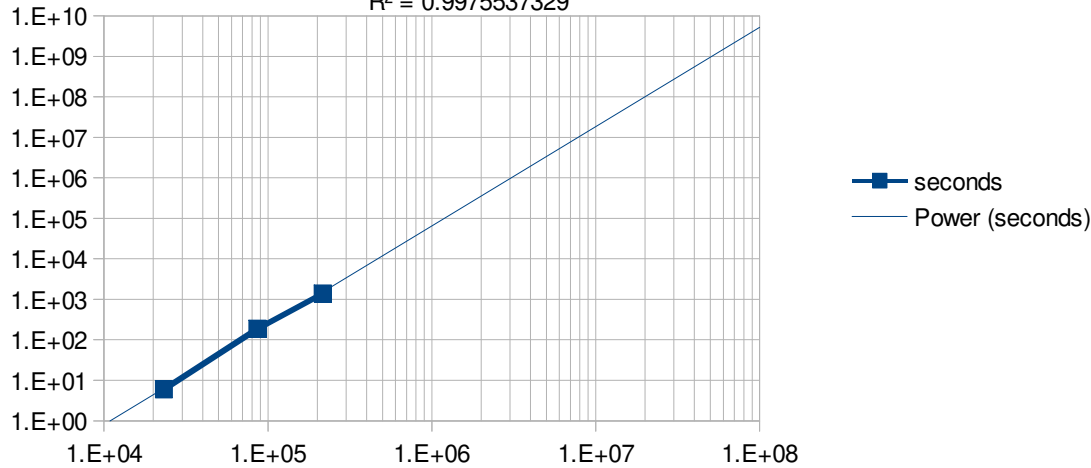


forum id	exponent	seconds	appname	phone model	reference
thorken	23209	6	?	s4 mini gt i9195	<a href="https://www.mersenneforum.org/showpost.php?p=504778&amp;postcount=9">https://www.mersenneforum.org/showpost.php?p=504778&amp;postcount=9</a>
thorken	86243	187	?	s4 mini gt i9195	<a href="https://www.mersenneforum.org/showpost.php?p=504778&amp;postcount=9">https://www.mersenneforum.org/showpost.php?p=504778&amp;postcount=9</a>
thorken	216091	1387	?	s4 mini gt i9195	<a href="https://www.mersenneforum.org/showpost.php?p=504794&amp;postcount=14">https://www.mersenneforum.org/showpost.php?p=504794&amp;postcount=14</a>

thorken's posted phone app run time scaling

$$f(x) = 1.26356654832954E-010 x^{2.4519836954}$$

$$R^2 = 0.9975537329$$



run time estimation:  $T \text{ (seconds)} = a p^b$

estimated time for  $M(82589933)$        $a = 1.26E-010$        $b = 2.451983695$   
3,264,181,661 seconds,      **103.51 years**

for reference, seconds in a(n)

hour	3600
day	86400
week	604800
month	2.59E+06 (30 day)
year	3.15E+07 (365 day)
century	3.16E+09 (without 400-year leap day)