

Lucky Numbers

April-21-10
11:24 PM

+ 467,296 lucky
+ 296,467 also lucky
||

$$296,296 = 1,001 \times 296$$
$$+ 467,467 = + 1,001 \times 467 = 1,001 \times \text{Something}$$

Sum of every lucky # w/ its mirror
is divisible by 1,001.

\Rightarrow Sum of all lucky # is divisible
by $1,001 = 7 \times 11 \times \underline{\underline{13}}$