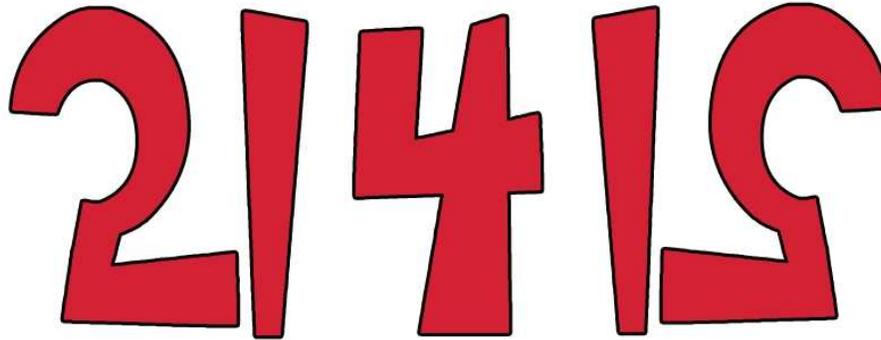# Happy Palindrome Valentine's Day Birthday Tom and Jerry

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Tom and Jerry cartoon show with seven Academy Awards was first created by William Hanna and Joseph Barbera and its first episode titled *Puss Gets the Boot* was completed in late 1939 and released to theaters on February 14, 1940 (2-14-1940 or simply 2141940). So, Valentine's Day, February 14th, 2012 today marks the 72nd birthday of Tom and Jerry. The date number of February 14, 2012 expressed in month-day-year date format using only the rightmost two digits of the year number is 2-14-12, or simply 21412, which is a palindrome day. So, on February 14th this year, Tom and Jerry will have a palindrome Valentine's Day birthday!

In recognition of Tom and Jerry's special 72nd palindrome birthday, I put together the following numerical brainteasers just for fun. I hope you will enjoy reading.

First, if the date number 21412 is split into 2, 14 and 12, their sum is 28, which equals 2 x 14!

Second, after 2012, the next time Tom and Jerry's birthday will become a truly palindrome day is in 2041 if the full date number is expressed in the day-month-year date format as 14-02-2041 (14022041) or in short, 14-2-41 (14241). Note that since this will be their 101st palindrome birthday, in 2041, Tom and Jerry will have a palindrome birthday coinciding with a truly palindrome day, isn't this something?

Third, the next time Tom and Jerry will again have a palindrome birthday (their 172nd) will be in year 2112 (again, 2-14-12).

Fourth, the sum of the digits of 1940 and the product of the digits of 72 each yield 14. Also, twice the product of the nonzero digits of 1940 equals 72.

Fifth, Valentine's Day February 14th is always the 45th day of a calendar year and for this reason, Tom and Jerry's 85th birthday to occur in 2025 will also be special since 2025 equals 45 x 45. Also, if 2025 is split as 20 and 25, these two numbers add up to 45!

Lastly, Valentine's Day always coincides with the 321st day of a non-leap year if the calendar dates are counted backwards (that is, December 31st as being the first and January 1st as being the 365th days). Interestingly enough, twice one third of 321 yield 214!

Thanks to both Tom and Jerry for making billions of kids and adults laugh for so many years and have a happy 72nd palindrome Valentine's birthday!