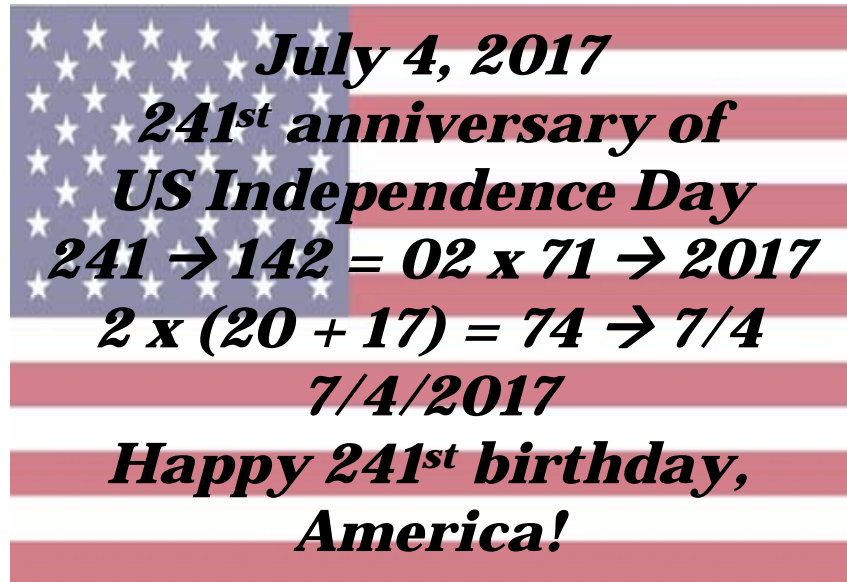


America's 241st Birthday is Numerically Special

Aziz S. Inan, Electrical Engineering

Donald P. Shiley School of Engineering, University of Portland, Portland, Oregon

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July 4, 2017 marks the 241st birthday of America and this anniversary day possesses a unique numerical property. Why?

The reverse of 241, namely 142, equals 02 times 71 and the reverses of 02 and 71, namely 20 and 17, put side by side give 2017.

Furthermore, twice the sum of 20 and 17 equals 74, representing July 4 (7/4).

Lastly, 74 and 2017 side by side yield 7/4/2017, indeed the 241st anniversary of US Independence Day.

Happy 241st birthday, America!

Note: A unique numerical property of the full date of the US Independence Day expressed as 07041776, is as follows [1, 2]: If split in the middle as 0704 and 1776, $0704 = 4 \times 4 \times 44$ and $1776 = 4 \times 444$. Fascinating! I wonder if the Founding Fathers chose this day intentionally.

[1] A. S. Inan, Benjamin Franklin Math Puzzler # 7—Independence Day-4th of July, *Franklin Gazette*, Vol. 18, No. 2, p. 11, Summer 2008.

[2] S. Doughton, “01/02/2010: Backward and forward, this date is lining up as a rarity,” *The Seattle Times*, January 1, 2010.

http://seattletimes.com/html/localnews/2010668763_palindrome02.html