

## **Happy 60<sup>th</sup> birthday, Melanie Griffith!**

Aziz Inan, Electrical Engineering  
Donald P. Shiley School of Engineering, University of Portland, Portland, Oregon  
August 9, 2017



American actress Melanie Richards Griffith turns 60 today [1] and I prepared the following brainteasers as a birthday gift for her:

1. Griffith was born in 1957 where 1957 equals 19 times 103 where these two prime numbers add up to 122. The reverse of 122 is 221 and coincidentally, Griffith was born on the 221<sup>st</sup> day of 1957, which was August 9, 1957.
2. Griffith's 60<sup>th</sup> birthday also coincides with the 221<sup>st</sup> day of 2017 and interestingly, the reverse of 2017, namely 7102, equals  $2 \times 53 \times 67$  where these three prime numbers add up to 122 too.
3. If numbers one to 26 are assigned to the letters of the English alphabet as A being one, B being two, C being three, etc., the sum of the numbers assigned to the letters of *Melanie Richards Griffith* equals 222. Coincidentally, Griffith's birthday always falls on the 222<sup>nd</sup> day of each leap year.
4. Lastly, if 2017 is split in the middle as 20 and 17, the product of the reverses of these two numbers, namely 02 and 71, yields 142 which equals the sum of the numbers assigned to the letters of Melanie Griffith.

Happy 60<sup>th</sup> birthday, Melanie Griffith!

[1] Melanie Griffith, Wikipedia  
[https://en.wikipedia.org/wiki/Melanie\\_Griffith](https://en.wikipedia.org/wiki/Melanie_Griffith)