

Dozen Birthday Brainteasers for Nicole Kidman

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Nicole Mary Kidman, born on 20 June 1967 in Honolulu, Hawaii, is an Australian-American actress and film producer [1]. Among her many achievements, she has won three Golden Globe Awards, a British Academy Film Award and an Academy Award. She is the first Australian actress to win the Academy Award for Best Actress.

This Tuesday, 20 June 2017 marks Kidman's 50th birthday and I prepared the following dozen brainteasers as a birthday gift for her:

1. If numbers one to 26 are assigned to the letters of the English alphabet, the sum of the numbers assigned to the letters of *Nicole Mary Kidman* equals 167. Interestingly enough, if Kidman's birthday 20/06/1967 is split in the middle as 2006 and 1967, these two numbers differ by 39 and coincidentally, the 39th prime number is 167 too.
2. The sum of 39 and 167 yields 206, Kidman's birth date, 20/6. Moreover, the prime factors of the reverse of 206, namely 602, are 2, 7, and 43, where these three numbers add up to 52 which equals the sum of the numbers assigned to the letters of Kidman.
3. Twice the sum of 20 and 6, the day and the month numbers of Kidman's birth date, equals 52 too.
4. The leftmost single digit and the rightmost double digits of 1967, Kidman's birth year, put side by side make 167 (Nicole Mary Kidman).
5. Furthermore, if 1967 is split as 19 and 67, the sum of the reverses of these two numbers, namely 91 and 76, equals 167 too!
6. Kidman's birth year 1967 equals 7 times 281 where 7 and 281 are the 4th and 60th prime numbers. Interestingly enough, 4 times 60 equals twice the product of 20 and 6 which are the day and month numbers of Kidman's birthday.
7. Kidman was born on the 171st day of 1967 where 171 divided by the sum of its digits gives 19, the 19th prime number is 67, and 19 and 67 put side by side results in 1967, Kidman's birth year.
8. Twice the sum of the left and right halves of 1967 equals 172 and coincidentally, Kidman's birthday always coincides with the 172nd day of each leap year.
9. Further, the reverse of 172, namely 271, is the 58th prime number where 58 equals the sum of the numbers assigned to the letters of Nicole.
10. Kidman's 39th birthday written as 20/06/2006 was numerically special because its left and right halves were each equal to 2006. Furthermore, as stated earlier, the 39th prime number is 167 (Nicole Mary Kidman).
11. Kidman's 52nd birthday in 2019 will also be special since again, 52 equals the sum of the numbers assigned to the letters of Kidman. Additionally, if 2019 is split into 20 and 19, the sum of these two numbers equals 39.
12. Finally, Kidman's 78th birthday in 2045 will also be special since the prime factors of 2006 (20 June), namely, 2, 17, and 59, add up to 39 which is half of 78 and as indicated before, the 39th prime number is 167 (Nicole Mary Kidman).

Happy 50th birthday, Nicole Kidman!

[1] Nicole Kidman, Wikipedia: https://en.wikipedia.org/wiki/Nicole_Kidman