Numbers to Celebrate Agatha Christie's 125th Birthday

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Agatha Mary Clarissa Christie (Born: 15 September 1890, Torquay, Devon, England – Died: 12 January 1976, Wallingford, Oxfordshire, England) was an English crime novelist, short story writer and playwright [1]. Today, Tuesday, 15 September 2015 marks Christie's 125th birthday. On this occasion and to celebrate her birthday, I constructed the following brainteaser number connections:

1. If numbers 1 to 26 are assigned to the letters of the English alphabet as A being 1, B equal 2, C is 3, etc., the numbers assigned to the letters of "Agatha" and "Christie" each add up to 38 and 91 respectively, where 38 is twice 19, which is the reverse of 91. In addition, 38 plus 91 equals 129 (representing "Agatha Christie") and twice 129 yields 258, and interestingly enough, Christie was born on the 258th day of 1890, that is, 15 September 1890. What a coincidence!

2. Christie's birth date 15 September expressed as 1509 equal 3 x 503, where primes 3 and 503 add up to 506. Now let us go ahead and subtract 506 from 2015. What comes out? (Answer: 1509.) Doesn't this make Christie's 125th birthday 15092015 special? (Also, the reverse of 506 is 605, which equals 5 x 121, where 121 can be interpreted as 12-1 representing 12 January, the day Christie died in 1976.)

3. Christie was born on 15 September (1509) and this year marks her 125th birthday. Swap the places of digits "5" and "9" in 1509 to obtain 1905 and reverse 125 to obtain 521. Now, intertwine these two numbers (1905 and 521). What comes out? (Answer: 15-9-2015!) Isn't this fun?

4. Split 1509 (representing Christie's birth date, 15 September) in the middle as 15 and 09 and add the squares of these two numbers yielding 306, which equals 51 x 6. Now, reverse 51 to obtain 15 and rotate digit 6 by 180 degrees to give 9, and 15 and 9 put side by side yield back Christie's birth date, 15-9. Fascinating, isn't it?

5. Christie's 12th birthday in 1902 expressed as 15-9-1902 was special because if split as 159 and 1902, 1902 equals twice 951, which is the reverse of 159.

6. Christie's 24th birthday in 1914 was also special because 1914 equals 15 plus 09 plus 1890, where these three numbers side by side make Christie's full birth date, 15091890.

7. Christie's 61st birthday in 1951 expressed as 15-9-1951 was a seven-digit palindrome date.

8. Christie's 101st palindrome-number birthday occurred in palindrome year 1991.

9. Christie's 122nd birthday in 2012 expressed as 15-09-2012 was also special since if split as 1509 and 2012, 1509 is three times 503 and 2012 is four times 503.

10. Christie's 135th birthday to occur in 2025 will also be special since first, 135 is 15 x 09 where 15 and 09 side by side make 1509 (Christie's birth date, 15 September), and second, 135 equals three times the square root of 2025.

Happy 125th birthday, Agatha Christie!

[1]Agatha Christie, Wikipedia
https://en.wikipedia.org/wiki/Agatha_Christie