



Happy Bicentennial Birthday to Clara Barton!

Founder of the American Red Cross



Aziz Inan, a professor of electrical engineering teaching in the Donald P. Shiley School of Engineering, shares an article he wrote about Clara Barton for her bicentennial birthday.



Aziz Inan is a professor of electrical engineering in the Donald P. Shiley School of Engineering. He has written an article to commemorate the bicentennial birthday of Clara Barton, the founder of the American Red Cross. It includes some interesting information and the numerical curiosities typical of Aziz's explorations. Click the button below to read the [article](#).

Happy Bicentennial to Clara Barton

Happy Bicentennial Birthday to Clara Barton!

Aziz Inan

December 25, 2021

Today, December 25, 2021, marks the 200th birthday of American nurse Clarissa Harlowe Barton (Clara Barton), who founded the American Red Cross.

Barton was a hospital nurse in the American Civil War, a teacher, and a patent clerk. Since she did not attend nursing school and nursing education at the time was not very formalized, she provided self-taught nursing care. Barton is noteworthy for her humanitarian work and civil rights advocacy at a time before women had the right to vote. She was inducted into the National Women's Hall of Fame in 1973.

I was impressed by Barton's sacrifices, heroism, vision and humanitarian spirit and wanted to do something special to celebrate her bicentennial birthday. After some research, I prepared the following numerical curiosities in her honor:

1. If numbers 1 through 26 are assigned to letters A through Z, the sum of the letter numbers of Clara equals 35 and the sum of the letter numbers of Barton is 70 which equals twice 35. Coincidentally, Barton's birthdate 1225 (12/25) equals 35 square.
2. Also, the 35th prime number is 149. Interestingly, 1225 plus four times 149 yields 1821, the year Barton was born.
3. Barton died 109 years ago, on April 12, 1912. If this year's number (2021) is reversed, 1202 equals 2 times 601 where 2 and 601 are the first and 110th prime numbers. The difference of 1 and 110 equals 109.
4. Furthermore, 1 plus 110 equals 111, the 111th prime number is 607, and three times 607 yields 1821, Barton's birth year.
5. Moreover, 111 equals three times the sum of 12 and 25, the month and day numbers of Barton's birthday.
6. The prime factors of 2021, namely 43 and 47, add up to 90, the age Barton died.
7. Barton died on 4/12 and 412 equals four times 103. Interestingly, the 103rd day of 1912, the year Barton died, was April 12.
8. Barton founded American Red Cross on May 21, 1881 and next year (2022) will mark the 141st anniversary of this foundation. Coincidentally, May 21 is the 141st day of 1881.
9. Lastly, Barton's 200th birthday is also numerically special for another reason: the 200th prime number, namely 1223, plus two equals 1225 (Barton's birthdate, 12/25).

Thanks for all you have done for humanity Clara Barton and Happy 200th Birthday!

Aziz Inan is a professor of electrical engineering teaching in the Donald P. Shiley School of Engineering at University of Portland and he can be reached at ainan@up.edu.