Robin Roberts' 64th birthday is mathematically special!

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Image created by A. S. Inan and B. E. Inan

Robin Rene Roberts (born on November 23, 1960 in Tuskegee, Alabama) is an American television broadcaster who currently co-anchors ABC's Good Morning America.

This Saturday, November 23, 2024 marks her 64th birthday. I prepared this virtual birthday gift for her:

1. The date of Roberts' 64th birthday, 11/23/2024, possesses a special mathematical property: if split as 11, 23, and 2024, 2024 divided by the sum of its digits, namely 8, equals 253 and 253 is 11 x 23.
2. Further, the difference and the sum of 11 and 23 are 12 and 34. Interestingly, the 12th and the 34th prime numbers, 37 and 139, add up to 176 and twice 176 equals 352, the reverse of 253, which is 11 x 23.

3. If Roberts' 64th birthday expressed as 11/23/2024 is split into 1123 and 2024, the sum of 1123 and 2024 equals 3147 and 3147 is 3 times 1049. Interestingly, 1049 is the 176th prime number where again, twice 176 is 352, the reverse of 253.
4. Also, if 2024 is split as 20 and 24, 20 plus 24 equals 44 and 44 times the sum of the digits of 2024, that is 8, yields 352. Wow!
5. Roberts was born on 11/23/1960 and if this date is split as 11, 23, 19, and 60, these four numbers add up to 113. Interestingly, the reverse of 113, namely 311, is the 64th prime number, 64 being Roberts' new age.
6. Lastly, Roberts' new age 64 is a very special age because it is the only age in human life which can be expressed as an integer power of an integer in three different ways: 2^6, 4^3, and 8^2.

Happy 64th birthday, Robin Roberts!

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