

Single Full Date Numbers in Four-Digit Years that Equal to the Product of Three Consecutive Primes
(Three Consecutive Prime Product Dates in Four-Digit Years)

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The single full date of Tuesday, July 26, 2011 expressed as 7-26-2011 or simply as 7262011 is an extremely rare special date number because it equals the product of three consecutive prime numbers, that is, $7262011 = 191 \times 193 \times 197!$ These types of dates are extremely seldom one-of-a-kind.

Table 1 below lists all the full dates to occur in the calendar between the second and tenth millenniums expressed in the Month/Day/Year date format which equal to the product of three consecutive prime numbers. As seen, there are only two such dates to occur in this (21st) century. But not only that, there are only two such dates (the same ones!) to occur in this (third) millennium! Only five such dates occurred in the second millennium. Fourth millennium contains only three of them. No such dates exist between the fifth and seventh millenniums! Only two such dates are to occur in the eighth, one in the ninth and one in the tenth millenniums! This table demonstrates the rarity of full date numbers that equal to the product of three consecutive prime numbers!

Table 1. Single Full Dates in the Calendar involving four-digit years expressed in the Month/Day/Year date format that Equal to the Product of Three Consecutive Prime Numbers:

Calendar Dates	Their Full Date Numbers (Month/Day/Year)	Product of <u>Three</u> Consecutive Prime Numbers
February 4, 1133	241133*	$59 \times 61 \times 67$
January 20, 1289	1201289	$103 \times 107 \times 109$
May 17, 1489	5171489	$167 \times 173 \times 179$
August 27, 1833	8271833	$197 \times 199 \times 211$
August 7, 1933	871933*	$89 \times 97 \times 101$
July 26, 2011	7262011	$191 \times 193 \times 197$
December 11, 2039	12112039*	$227 \times 229 \times 233$
January 11, 3121 or November 1, 3121	1113121*	$101 \times 103 \times 107$
May 8, 3573	583573*	$79 \times 83 \times 89$
April 27, 3697 [†]	4273697	$157 \times 163 \times 167$
March 12, 7361	3127361*	$139 \times 149 \times 151$
January 31, 7919	1317919*	$107 \times 109 \times 113$
June 18, 8209	6188209	$179 \times 181 \times 191$
February 27, 9269	2279269*	$127 \times 131 \times 137$

*Note that these full date numbers can also be interpreted in the Day/Month/Year date format, however, they will then correspond to different calendar dates.

[†]There is one more such full date (which equals the product of three consecutive prime numbers) to occur in the 4th millennium in the Day/Month/Year date format. It is 21 September 3827 written as 21093827 = $271 \times 277 \times 281$. Also, 15 June 4259 ($1564259 = 109 \times 113 \times 127$), 24 September 4633 ($2494633 = 131 \times 137 \times 139$), 28 March 7407 ($2837407 = 137 \times 139 \times 149$), 22 February 7871 ($22027871 = 277 \times 281 \times 283$), and 18 July 9981 ($1879981 = 113 \times 127 \times 131$) are other such dates to occur between the fifth and tenth millenniums expressed in the Day/Month/Year date format.