#### SIMPLE DIVISIBILITY RULES FOR THE 1st 1000 PRIME NUMBERS

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Abstract. Simple divisibility rules are given for the 1st 1000 prime numbers.

PACS numbers: 02.10.Lh

This paper presents simple divisibility rules for the 1<sup>st</sup> 1000 prime numbers.

With two exceptions, the rules in question are based on the observation that if M is an integer not divisible by 2 or by 5, then M divides an arbitrary integer N if it divides

$$N' = \frac{N - N \mod 10}{10} + (m + A \times M) \times (N \mod 10)$$
 (1)

$$=\frac{N-M\times(m'-10\times A)\times(N\bmod 10)}{10},$$

where

$$m = \frac{1 - m' \times M}{10},\tag{2}$$

A is any integer (positive, negative, or 0), and, for M > 0,

$$m' = [3 \times (M \mod 10) - 2 \times M] \mod 16,$$
 (3)

the integer A in Eq. (1) making it possible to customize the rule.

The rules for divisibility by 2 and by 5—the two aforesaid exceptions—are based on the observation that, for p an arbitrary non-negative integer,  $2^p$  (and, similarly,  $5^p$ ) divides N if it divides  $N \mod 10^p$ , since  $10^p$  divides  $N \mod 10^{p+1} - N \mod 10^p$ , while  $2^p$  (and, similarly,  $5^p$ ) divides  $10^p = (2 \times 5)^p = 2^p \times 5^p$ .

Simple divisibility rules for the  $1^{st}$  1000 prime numbers based on the preceding observations (with A=0 and p=1) appear in Table 1 (see below), where—technically speaking—"number" means "integer," "times" means "multiplied by," and, for N being "the number," "the last digit of the number" is given by N mod 10 and "the rest of the number" is given by (N-N) mod 10)/10.

#### TABLE 1. SIMPLE DIVISIBILITY RULES FOR THE 1<sup>st</sup> 1000 PRIME NUMBERS

1.	A number is divisible by	2 if 1	the last	digit of the number is divisible by 2.	
	A number is divisible by	3 if		times the last digit of the number added to the rest of the number is divisible by	3.
	A number is divisible by			digit of the number is divisible by 5.	
	A number is divisible by	7 if		times the last digit of the number added to the rest of the number is divisible by	7.
	A number is divisible by	11 if		times the last digit of the number added to the rest of the number is divisible by	11.
	A number is divisible by	13 if	<b>-</b> 9	times the last digit of the number added to the rest of the number is divisible by	13.
7.	,,	17 "	- 5	"	17.
8.	"	19 "	- 17	"	19.
9.	"	23 "	- 16	"	23.
10.	"	29 "	- 26	"	29.
11.	A number is divisible by	31 if	- 3	times the last digit of the number added to the rest of the number is divisible by	31.
12.	,,	37 "	- 11	"	37.
13.	"	41 "	- 4	"	41.
14.	"	43 "	-30	"	43.
15.	"	47 "	- 14	"	47.
16.	A number is divisible by	53 if	- 37	times the last digit of the number added to the rest of the number is divisible by	53.
17.	,,	59 "	- 53	"	59.
18.	"	61 "	- 6	"	61.
19.		67 "	- 20	"	67.
20.	"	71 "	- 7	"	71.
21.	A number is divisible by	73 if		times the last digit of the number added to the rest of the number is divisible by	73.
22.	,,	79 "	-71	"	79.
23.	"	83 "	- 58	"	83.
24.	"	89 "	-80	"	89.
25.	"	97 "	- 29	"	97.
26.	A number is divisible by	101 if	-10	times the last digit of the number added to the rest of the number is divisible by	101.
27.		103 "	-72	,,	103.
28.	,,	107 "	-32	"	107.
29.	,,	109 "	- 98	"	109.
30.	**	113 "	- 79	"	113.
31.	A number is divisible by	127 if	-38	times the last digit of the number added to the rest of the number is divisible by	127.
32.	,,	131 "	- 13	"	131.
33.	"	137 "	-41	"	137.
34.		139 "	-125	"	139.
35.	"	149 "	-134	"	149.
36.	A number is divisible by	151 if	- 15	times the last digit of the number added to the rest of the number is divisible by	151.
37.	,,	157 "	- 47	"	157.
38.		163 "	-114	"	163.
39.		167 "	-50	"	167.
40.	"	173 "	-121	"	173.
	A number is divisible by	179 if		times the last digit of the number added to the rest of the number is divisible by	179.
42.	"	181 "	-18	"	181.
43.		191 "	- 19	"	191.
44.	"	193 "	- 135	"	193.
45.	"	197 "	- 59	"	197.

(CONTINUED ON NEXT PAGE)

46.				BILIT I RULES FOR THE T TOOUT KIME NUMBERS—Communed	
	A number is divisible by	199 if	- 179	times the last digit of the number added to the rest of the number is divisible by	199.
47.		211 "	-21	"	211.
48.	,,	223 "	-156	"	223.
49.	**	227 "	- 68	"	227.
50.	,,	229 "	- 206	,,	229.
	A number is divisible by	233 if		times the last digit of the number added to the rest of the number is divisible by	233.
	A number is divisible by			times the last digit of the number added to the fest of the number is divisible by	
52.	,,	239 "	- 215		239.
53.		241 "	-24	"	241.
54.	"	251 "	-25	"	251.
55.	**	257 "	- 77	"	257.
	A number is divisible by	263 if		times the last digit of the number added to the rest of the number is divisible by	263.
57.	"," artistore of	269 "	- 242	interest the last digit of the number added to the rest of the number is divisible of	269.
58.	,,	271 "	-242	22	271.
	,,			,,	
59.		277 "	- 83	<u> </u>	277.
60.	,,	281 "	-28	"	281.
61.	A number is divisible by	283 if	- 198	times the last digit of the number added to the rest of the number is divisible by	283.
62.	,,	293 "	-205	"	293.
63.	,,	307 "	- 92	"	307.
64.		311 "	-31	,,	311.
65.	,,	313 "	- 219	,,	313.
	A				
	A number is divisible by	317 if		times the last digit of the number added to the rest of the number is divisible by	317.
67.	<i>"</i>	331 "	- 33		331.
68.		337 "	-101	"	337.
69.	**	347 "	-104	"	347.
70.	,,	349 "	-314	"	349.
	A number is divisible by	353 if		times the last digit of the number added to the rest of the number is divisible by	353.
72.	","	359 "	-323	"," all the last digit of the number added to the rest of the number is divisible by	359.
	,,			,,	
73.		367 "	- 110	.,	367.
74.		373 "	-261		373.
75.	,,	379 "	-341	"	379.
76.	A number is divisible by	383 if	-268	times the last digit of the number added to the rest of the number is divisible by	383.
77.	,,	389 "	-350	"	389.
78.	,,	397 "	- 119	,,	397.
79.	,,	401 "	- 40	"	401.
	,,			,,	
80.		409 "	- 368		409.
	A number is divisible by	419 if		times the last digit of the number added to the rest of the number is divisible by	419.
82.	**	421 "	-42	"	421.
83.	**	431 "	- 43	"	431.
84.	,,	433 "	-303	"	433.
85.	,,	439 "	- 395	,,	439.
	A number is divisible by	443 if		times the last digit of the number added to the rest of the number is divisible by	443.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
87.		449 "	- 404	"	449.
88.	,,	457 "	- 137	"	457.
89.	"	461 "	- 46	"	461.
90.		701			1.00
	**	463 "	-324	"	463.
		463 "		times the last digit of the number added to the rest of the number is divisible by	463. 467.
91.	A number is divisible by	463 " 467 if	- 140	times the last digit of the number added to the rest of the number is divisible by	467.
91. 92.		463 " 467 if 479 "	- 140 - 431	times the last digit of the number added to the rest of the number is divisible by	467. 479.
91. 92. 93.	A number is divisible by "	463 " 467 if 479 " 487 "	- 140 - 431 - 146	,,	467. 479. 487.
91. 92. 93. 94.	A number is divisible by	463 " 467 if 479 " 487 " 491 "	- 140 - 431 - 146 - 49	"	467. 479. 487. 491.
91. 92. 93. 94. 95.	A number is divisible by " " " " "	463 " 467 if 479 " 487 " 491 " 499 "	- 140 - 431 - 146 - 49 - 449	" " "	467. 479. 487. 491. 499.
91. 92. 93. 94. 95. 96.	A number is divisible by "	463 " 467 if 479 " 487 " 491 " 499 " 503 if	- 140 - 431 - 146 - 49 - 449 - 352	,,	467. 479. 487. 491. 499. 503.
91. 92. 93. 94. 95. 96.	A number is divisible by " " " A number is divisible by	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 "	- 140 - 431 - 146 - 49 - 449 - 352 - 458	times the last digit of the number added to the rest of the number is divisible by	467. 479. 487. 491. 499. 503. 509.
91. 92. 93. 94. 95. 96. 97.	A number is divisible by  " " " A number is divisible by "	463 " 467 if 479 " 487 " 491 " 499 " 503 if	- 140 - 431 - 146 - 49 - 449 - 352 - 458 - 52	times the last digit of the number added to the rest of the number is divisible by	467. 479. 487. 491. 499. 503. 509. 521.
91. 92. 93. 94. 95. 96. 97.	A number is divisible by " " " A number is divisible by	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 "	- 140 - 431 - 146 - 49 - 449 - 352 - 458	times the last digit of the number added to the rest of the number is divisible by	467. 479. 487. 491. 499. 503. 509. 521.
91. 92. 93. 94. 95. 96. 97. 98.	A number is divisible by  " " " A number is divisible by "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366	times the last digit of the number added to the rest of the number is divisible by	467. 479. 487. 491. 499. 503. 509. 521. 523.
91. 92. 93. 94. 95. 96. 97. 98. 99.	A number is divisible by  " " " A number is divisible by " " " " "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 523 " 541 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54	times the last digit of the number added to the rest of the number is divisible by "" "" "" ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100.	A number is divisible by  " " " A number is divisible by "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 523 " 541 " 547 if	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54 - 164	times the last digit of the number added to the rest of the number is divisible by	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 541 " 547 if 557 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54 - 164 - 167	times the last digit of the number added to the rest of the number is divisible by "" "" "" ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 523 " 547 if 557 " 563 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54 - 164 - 167 - 394	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 563.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 547 if 557 " 563 " 569 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54 - 164 - 167 - 394 - 512	times the last digit of the number added to the rest of the number is divisible by "" "" "" ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 563. 569.
91. 92. 93. 94. 95. 96. 97. 98. 100. 101. 102. 103. 104.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " " " "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 523 " 547 if 557 " 563 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54 - 167 - 394 - 512 - 57	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569.
91. 92. 93. 94. 95. 96. 97. 98. 100. 101. 102. 103. 104.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " " " "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 547 if 557 " 563 " 569 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54 - 167 - 394 - 512 - 57	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569.
91. 92. 93. 94. 95. 96. 97. 98. 100. 101. 102. 103. 104. 105.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 547 if 557 " 563 " 571 "	- 140 - 431 - 146 - 49 - 352 - 458 - 52 - 366 - 54 - 167 - 394 - 512 - 57 - 173	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569. 571.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " " " "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 547 if 557 " 563 " 577 if 587 "	- 140 - 431 - 146 - 49 - 449 - 352 - 366 - 54 - 164 - 167 - 394 - 517 - 173 - 176	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569. 571. 577.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " A number is divisible by " " " A number is divisible by "	463 " 467 if 479 " 487 " 491 " 503 if 5509 " 521 " 547 if 557 " 563 " 577 if 587 " 593 "	- 140 - 431 - 146 - 49 - 349 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569. 571. 577. 587.
91. 92. 93. 94. 95. 96. 97. 98. 100. 101. 102. 103. 104. 105. 106. 107.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " A number is divisible by " " " " A number is divisible by " "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 547 if 557 " 563 " 577 if 587 " 599 "	- 140 - 431 - 146 - 49 - 349 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 547. 557. 563. 569. 571. 577. 587. 593.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 107. 108. 109. 110.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " " " " " "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 541 " 547 if 557 " 563 " 577 if 587 " 587 " 599 " 601 "	- 140 - 431 - 146 - 49 - 352 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569. 571. 577. 587. 587. 599. 601.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " A number is divisible by " " " " A number is divisible by " "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 547 if 557 " 563 " 571 " 577 if 587 " 599 " 601 " 607 if	- 140 - 431 - 146 - 49 - 352 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569. 571. 587. 587. 593. 601. 607.
91. 92. 93. 94. 95. 96. 97. 100. 101. 102. 103. 104. 105. 106. 107. 108. 111. 111.	A number is divisible by  ""  A number is divisible by  "  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 541 " 557 if 557 if 587 " 577 if 587 " 599 " 601 " 607 if 613 "	- 140 - 431 - 146 - 49 - 3452 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182 - 429	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 557. 563. 569. 571. 577. 587. 601. 607. 613.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " " " " " "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 523 " 547 if 557 " 563 " 577 if 587 " 599 " 607 if 613 " 617 "	- 140 - 431 - 146 - 49 - 352 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 557. 563. 569. 571. 577. 587. 601. 607. 613.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 106. 107. 108. 109. 111. 111.	A number is divisible by  ""  A number is divisible by  "  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	463 " 467 if 479 " 487 " 491 " 499 " 503 if 509 " 521 " 523 " 547 if 557 " 563 " 577 if 587 " 599 " 607 if 613 " 617 "	- 140 - 431 - 146 - 49 - 3452 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182 - 429	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 563. 569. 571. 577. 587. 593. 601. 607. 613.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 106. 107. 108. 109. 111. 111. 112.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " " A number is divisible by " " " " " " " " " " " " " " " " " " "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 547 if 557 " 563 " 577 if 587 " 599 " 607 if 613 " 617 " 619 "	- 140 - 431 - 146 - 49 - 345 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182 - 429 - 185 - 557	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 563. 569. 571. 577. 587. 601. 607. 613. 617.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 106. 107. 108. 110. 111. 112. 113. 114.	A number is divisible by  ""  A number is divisible by  "  "  "  A number is divisible by  "  "  A number is divisible by  "  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	463 " 467 if 479 " 487 " 491 " 503 if 503 if 551 " 5547 if 557 " 563 " 577 if 587 " 577 if 613 " 607 if 613 " 617 " 619 " 631 "	- 140 - 431 - 146 - 49 - 349 - 352 - 366 - 54 - 164 - 167 - 394 - 517 - 173 - 176 - 415 - 539 - 60 - 182 - 429 - 185 - 557 - 63	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 563. 569. 601. 607. 613. 619. 631.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 110. 111. 112. 113. 114. 115.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " " A number is divisible by " " " " " " " " " " " " " " " " " " "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 547 if 557 " 563 " 577 if 587 " 599 " 601 " 607 if 613 " 619 " 619 " 641 if	- 140 - 431 - 146 - 49 - 349 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182 - 429 - 185 - 557 - 63 - 64	times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 569. 571. 577. 587. 601. 607. 613. 617. 619.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 107. 118. 111. 112. 113. 114. 115. 116.	A number is divisible by  ""	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 547 if 557 " 563 " 567 " 577 if 587 " 599 " 601 " 607 if 613 " 617 " 619 " 631 " 641 if 643 "	- 140 - 431 - 146 - 49 - 349 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182 - 429 - 185 - 557 - 63 - 64 - 450	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 569. 571. 577. 587. 601. 607. 613. 617. 619.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 110. 111. 112. 113. 114. 115. 115. 116.	A number is divisible by  ""  A number is divisible by  "  "  A number is divisible by  "  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 541 " 547 if 557 " 563 " 577 if 587 " 577 if 613 " 607 if 613 " 617 " 619 " 631 " 641 if 643 " 647 "	- 140 - 431 - 146 - 49 - 349 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 415 - 539 - 60 - 182 - 429 - 185 - 557 - 63 - 64 - 450 - 194	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 571. 577. 587. 601. 607. 613. 614. 643. 644.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 111. 112. 113. 114. 115. 116. 117. 118. 119.	A number is divisible by  ""  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  A number is divisible by  " " "  "  "  "  "  "  "  "  "  "  "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 541 " 557 if 557 if 587 " 577 if 587 " 579 " 601 " 607 if 613 " 614 if 643 " 644 " 653 "	- 140 - 431 - 146 - 49 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 176 - 415 - 539 - 60 - 182 - 429 - 185 - 557 - 63 - 64 - 450 - 194 - 457	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 557. 557. 563. 569. 607. 613. 617. 619. 631. 643. 647. 653.
91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 110. 111. 112. 113. 114. 115. 115. 116.	A number is divisible by  ""  A number is divisible by  "  "  A number is divisible by  "  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	463 " 467 if 479 " 487 " 491 " 503 if 509 " 521 " 523 " 541 " 547 if 557 " 563 " 577 if 587 " 577 if 613 " 607 if 613 " 617 " 619 " 631 " 641 if 643 " 647 "	- 140 - 431 - 146 - 49 - 349 - 352 - 366 - 54 - 164 - 167 - 394 - 512 - 57 - 173 - 415 - 539 - 60 - 182 - 429 - 185 - 557 - 63 - 64 - 450 - 194	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	467. 479. 487. 491. 499. 503. 509. 521. 523. 541. 547. 557. 563. 571. 577. 587. 601. 607. 613. 614. 643. 644.

		DIVISIBILITI KULES FOR THE I 1000 I RIVIE NUVIBERS—COMMUNEU	
121. A number is divisible by		- 66 times the last digit of the number added to the rest of the number is divisible by	661.
122. "	673 "	- 471 " 202 "	673.
123.	677 "	- 203	677.
124.	683 "	-4/8	683.
125. "	691 "	- 69 "	691.
126. A number is divisible by	701 if	-70 times the last digit of the number added to the rest of the number is divisible by	701.
127. "	709 "	- 638 "	709.
126.	719 "	- 647	719.
149.	727 "	- 218	727.
130.	733 "	-513	733.
131. A number is divisible by	739 if	- 665 times the last digit of the number added to the rest of the number is divisible by	739.
132. "	743 "	- 5 <u>2</u> 0 "	743.
133.	751 "	-75	751.
134. "	757 "	- 227	757.
135. "	761 "	- 76	761.
136. A number is divisible by		– 692 times the last digit of the number added to the rest of the number is divisible by	769.
137. "	773 "	- 541	773.
138. "	787 "	- 236	787.
139. "	797 "	- 239	797.
140.	809 "	- 728	809.
141. A number is divisible by	811 if	-81 times the last digit of the number added to the rest of the number is divisible by	811.
142. "	821 "	- 82	821.
143. "	823 "	- 576	823.
144. "	827 "	- 248	827.
145.	829 "	- /40	829.
146. A number is divisible by		- 755 times the last digit of the number added to the rest of the number is divisible by	839.
147. "	853 "	- <b>597</b> "	853.
148. "	857 "	- 257	857.
149. "	859 "	- <del>773</del>	859.
150. "	863 "	- 604	863.
151. A number is divisible by		– 263 times the last digit of the number added to the rest of the number is divisible by	877.
152. "	881 "	- 88 "	881.
153. "	883 "	- 618	883.
154. "	887 "	- 266	887.
155. "	907 "	- 272	907.
156. A number is divisible by	911 if	– 91 times the last digit of the number added to the rest of the number is divisible by	911.
157. "	919 "	- 827	919.
158. "	929 "	- 836	929.
159. "	937 "	- 281 "	937.
160. "	941 "	- 94	941.
161. A number is divisible by	947 if	– 284 times the last digit of the number added to the rest of the number is divisible by	947.
162. "	953 "	- 667	953.
163. "	967 "	- 290 "	967.
164. "	971 "	- 97	971.
165. "	977 "	- 293 "	977.
166. A number is divisible by		– 688 times the last digit of the number added to the rest of the number is divisible by	983.
167. "	991 "	- 99	991.
168. "	997 "	- 299	997.
169. "	1009 "	- 908	1009.
170. "	1013 "		1013.
	1019 if	– 917 times the last digit of the number added to the rest of the number is divisible by	1019.
172. "	1021 "		1021.
173. "	1031 "		1031.
174. "	1033 "	- <del>723</del>	1033.
175. "	1039 "	- 935	1039.
176. A number is divisible by		– 944 times the last digit of the number added to the rest of the number is divisible by	
177. "	1051 "		1051.
178. "	1061 "	- 106	1061.
179. "	1063 "	- 744	1063.
180. "	1069 "		1069.
181. A number is divisible by		- 326 times the last digit of the number added to the rest of the number is divisible by	
182. "	1091 "	- 109	1091.
183. "	1093 "		1093.
184. "	1097 "	- 329	1097.
185. "	1103 "		1103.
186. A number is divisible by		– 998 times the last digit of the number added to the rest of the number is divisible by	
187. "	1117 "		1117.
188. "	1123 "		1123.
189. "	1129 "		1129.
190. "	1151 "		1151.
	1153 if	– 807 times the last digit of the number added to the rest of the number is divisible by	
192. "	1163 "		1163.
193. "	1163 " 1171 "	- 117	1171.
193. " 194. "	1163 " 1171 " 1181 "	- 117 - 118 "	1171. 1181.
193. "	1163 " 1171 "	- 117 - 118 "	1171.

	. SIMPLE DIVISIBILITY ROLES FOR THE 1 1000 FRIME NUMBERS—Communea	
196. A number is divisible by	1193 if $-835$ times the last digit of the number added to the rest of the number is divisible by $1$	1193.
197. "		1201.
198. "	1213 - 849	1213.
199. "		1217.
200. "		1223.
	1229 if $-1106$ times the last digit of the number added to the rest of the number is divisible by 1	
202. "		1231.
203. "		1237.
204. "	1249 – 1124	1249.
205. "		1259.
	1277 if $-383$ times the last digit of the number added to the rest of the number is divisible by $1$	
207. "		1279.
208. "		1283.
209. "		1289.
210. "		1291.
	1297 if $-389$ times the last digit of the number added to the rest of the number is divisible by $1$	
212. "		1301.
213. "		1303.
214. "		1307.
215. "		1319.
	1321 if $-132$ times the last digit of the number added to the rest of the number is divisible by 1	
217. "		1327.
218. "		1361.
219. "		1367.
220. "	13/3 - 901	1373.
	1381 if $-138$ times the last digit of the number added to the rest of the number is divisible by 1	
222. "		1399.
223. "		1409.
224. "		1423.
225. "		1427.
	1429 if $-1286$ times the last digit of the number added to the rest of the number is divisible by $1$	
227. "		1433.
228. "		1439.
229. "		1447.
230. "		1451.
231. A number is divisible by	1453 if $-1017$ times the last digit of the number added to the rest of the number is divisible by $1$	1453.
232. "	1459 " – 1313 "	1459.
233. "	1471 " – 147 "	1471.
234. "	1481 " - 148 "	1481.
235. "	1483 " – 1038 "	1483.
236. A number is divisible by	1487 if $-446$ times the last digit of the number added to the rest of the number is divisible by 1	1487.
237. "		1489.
238. "	1493 " – 1045 "	1493.
239. "	1499 " – 1349 "	1499.
240. "	1511 " - 151 "	1511.
241. A number is divisible by	1523 if $-1066$ times the last digit of the number added to the rest of the number is divisible by $1$	1523.
242.		1531.
243. "		1543.
244. "	1549 " – 1394 "	1549.
245. "	1553 " – 1087 "	1553.
246. A number is divisible by	1559 if $-1403$ times the last digit of the number added to the rest of the number is divisible by 1	
247. "		1567.
248. "		1571.
249. "		1579.
250. "		1583.
251. A number is divisible by	1597 if $-479$ times the last digit of the number added to the rest of the number is divisible by $1$	
252. "		1601.
253. "		1607.
254. "		1609.
255. "		1613.
	1619 if $-1457$ times the last digit of the number added to the rest of the number is divisible by $1$	
257. " " "		1621.
258. "		1627.
259. "		1637.
260. "		1657.
	1663 if $-1164$ times the last digit of the number added to the rest of the number is divisible by $1$	
262. "		1667.
263. "		1669.
264. "	1009 - 1302	1693.
265. "	1093 - 1163	1693. 1697.
	1697 - 309 1 1699 if $-1529$ times the last digit of the number added to the rest of the number is divisible by 1	
267. " 268 "		1709. 1721
200.	1/21 - 1/2	1721.
209.	1725 - 1200	1723.
270. "	1733 " – 1213 "	1733.
	(6,	

#### TABLE 1. SIMPLE DIVISIBILITY RULES FOR THE 1<sup>st</sup> 1000 PRIME NUMBERS—Continued

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271. A number is divisible by 1741 if -174 times the last digit of the number added to the rest of the number is divisible by 1741.
272.
                              1747
                                      -524
                                                                                                                          1747.
                              1753 " – 1227
273.
                                                                                                                          1753.
                              1759 " – 1583
1777 " – 533
274.
                                                                                                                          1759.
275.
                                                                                                                          1777.
276. A number is divisible by 1783 if -1248 times the last digit of the number added to the rest of the number is divisible by 1783.
277.
                              1787
                                      - 536
                                                                                                                          1787.
                              1789 " – 1610
278.
                                                                                                                          1789.
2.79.
                              1801
                                      -180
                                                                                                                          1801.
                                   " - 181
280.
                              1811
                                                                                                                          1811.
281. A number is divisible by 1823 if -1276 times the last digit of the number added to the rest of the number is divisible by 1823.
282.
                              1831
                                       -183
                                                                                                                          1831.
283.
                              1847
                                       - 554
                                                                                                                          1847.
                                       -186
284.
                              1861
                                                                                                                          1861.
285.
                              1867
                                       -560
                                                                                                                          1867.
286. A number is divisible by 1871 if -187 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          1871.
287.
                              1873
                                      -1311
                                                                                                                          1873.
                              1877 "
288.
                                      -563
                                                                                                                          1877.
                              1879 " - 1691
                                                                                                                          1879.
289.
                              1889 " – 1700
290.
                                                                                                                          1889.
291. A number is divisible by 1901 if -190 times the last digit of the number added to the rest of the number is divisible by 1901.
292.
                              1907
                                      -572
                                                                                                                          1907.
                              1913 " – 1339
293.
                                                                                                                          1913.
                              1931 " - 193
294.
                                                                                                                          1931.
                              1933 " – 1353
295.
                                                                                                                          1933.
296. A number is divisible by 1949 if -1754 times the last digit of the number added to the rest of the number is divisible by 1949.
2.97.
                              1951
                                      - 195
                                                                                                                          1951.
                              1973 " – 1381
298.
                                                                                                                          1973.
                              1979 " - 1781
299.
                                                                                                                          1979.
                              1987 "
                                     - 596
300.
                                                                                                                          1987.
301. A number is divisible by 1993 if -1395 times the last digit of the number added to the rest of the number is divisible by 1993.
                              1997 "
                                      - 599
                                                                                                                          1997.
                              1999 " – 1799
                                                                                                                          1999.
303.
                              2003 " - 1402
304.
                                                                                                                          2003.
                              2011 " - 201
305.
                                                                                                                          2011.
306. A number is divisible by 2017 if -605 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                         2017.
                              2027
                                       -608
                                                                                                                          2027.
307.
                              2029 " - 1826
308.
                                                                                                                          2029.
                              2039 " - 1835
309.
                                                                                                                          2039.
                              2053 " - 1437
310.
                                                                                                                          2053.
311. A number is divisible by 2063 if - 1444 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          2063.
                              2069 " - 1862
312.
                                                                                                                          2069.
                              2081 "
313.
                                       -208
                                                                                                                          2081.
                                   " - 1458
314.
                              2083
                                                                                                                          2083.
                              2087 "
                                                                                                                          2087.
315.
                                      -626
316. A number is divisible by 2089 if -1880 times the last digit of the number added to the rest of the number is divisible by 2089.
                              2099
317.
                                      -1889
                                                                                                                          2099.
                              2111
318.
                                                                                                                          2111.
                                      -211
                             2113 " - 1479
319.
                                                                                                                          2113.
                              2129 " - 1916
320.
                                                                                                                          2129.
321. A number is divisible by 2131 if -213 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                         2131.
                              2137
                                                                                                                          2137.
322.
                                       -641
                              2141
                                       -214
323.
                                                                                                                          2141.
324.
                              2143
                                     -1500
                                                                                                                          2143.
                              2153 " - 1507
325.
                                                                                                                          2153.
326. A number is divisible by 2161 if -216 times the last digit of the number added to the rest of the number is divisible by 2161.
                                      - 1961
327.
                              2179
                                                                                                                          2179.
                              2203
                                      -1542
328.
                                                                                                                          22.03.
329.
                              2207
                                       -662
                                                                                                                          2207.
                              2213
                                      -1549
                                                                                                                          2213.
330.
331. A number is divisible by 2221 if - 222 times the last digit of the number added to the rest of the number is divisible by 2221.
                              2237
                                                                                                                          2237.
332.
                                       -671
                              2239
333.
                                      -2015
                                                                                                                          2239.
334.
                              2243
                                      -1570
                                                                                                                          2243.
                                   ,,
                              2251
                                                                                                                          2251.
335.
                                      -225
336. A number is divisible by 2267 if -680 times the last digit of the number added to the rest of the number is divisible by 2267.
                              2269
                                      -2042
                                                                                                                          2269.
337.
                              2273
                                     -1591
                                                                                                                          2273.
338.
                              2281 "
339.
                                      -228
                                                                                                                          2281.
                              2287
340.
                                       -686
                                                                                                                          22.87.
341. A number is divisible by 2293 if - 1605 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                         2293.
                              2297
                                       -689
                                                                                                                          2297.
342.
                              2309 " - 2078
343.
                                                                                                                          2309.
                              2311 " - 231
344.
                                                                                                                          2311.
                              2333 " - 1633
345.
                                                                                                                          2333.
```

	BLE 1. SIMPLE DIVISIBILITY RULES FOR THE 1 1000 FRIME INUMBERS—Commune	
	ble by $\frac{2339}{1}$ if $-2105$ times the last digit of the number added to the rest of the number is divisible by $\frac{2339}{1}$	
347. "	2341 " – 234 " 2341	
340.	2347 - 704 2347	
347.	2531 - 255 2551	
350. "	2357 " - 707 " 2357	
	ole by 2371 if -237 times the last digit of the number added to the rest of the number is divisible by 2371	
352. "	2377 " - 713 " 2377 2381 " - 238 " 2381	
333.		
354. "	2383 " - 1668 " 2383 2389 " - 2150 " 2389	
355. "	2389 " $-2150$ " $2389$ ble by $2393$ if $-1675$ times the last digit of the number added to the rest of the number is divisible by $2393$	
357. A number is divisit	2399 " $-2159$ " $2399$	
357. 358. "	2399 - 2139 2411 " - 241 " 2411	
358. 359. "	2411 – 241 2417 " – 725 " 2417	
360. "	2417 – 723 2423 " – 1696 " 2423	
	2423 - 1090 $2423$ ole by 2437 if $-731$ times the last digit of the number added to the rest of the number is divisible by 2437	
362. "	2441 " $-244$ " $2441$	
363. "	2447 " - 734 " 2447 2447 " - 734 " 2447	
364. "	2459 " – 2213 " 2459	
365. "	2467 " - 740 " 2467	
	ble by $\frac{2473}{1}$ if $-\frac{1731}{1}$ times the last digit of the number added to the rest of the number is divisible by $\frac{2473}{1}$	
367. "	2477 " - 743 " 2477	
368. "	2503 " - 1752 " 2503	
369. "	2521 " – 252 " 2521	
370. "	2531 " - 253 " 2531	
	ble by $2539$ if $-2285$ times the last digit of the number added to the rest of the number is divisible by $2539$	
372. "	2543 " – 1780 " 2543	
373. "	2549 " – 2294 " 2549	).
374. "	2551 " – 255 " 2551	
375. "	2557 " – 767 "	
376. A number is divisil	ble by $2579$ if $-2321$ times the last digit of the number added to the rest of the number is divisible by $2579$	).
377. "	2591 " – 259 " 2591	
378. "	2593 " – 1815 " 2593	, .
379. "	2609 " – 2348 " 2609	
380. "	2617 " – 785 " 2617	
	ble by $2621$ if $-262$ times the last digit of the number added to the rest of the number is divisible by $2621$	
382. "	2633 " – 1843 " 2633	
383. "	2647 " – 794 " 2647	
384. "	2657 " – 797 " 2657	
385. "	2659 " – 2393 " 2659	
	ble by $2663$ if $-1864$ times the last digit of the number added to the rest of the number is divisible by $2663$	
387. "	2671 " - 267 " 2671 2677 " 902 " " 2677	
300.	2077 - 803	
309.	2003 - 1076 2003	
390. "	2687 " - 806 " 2687	
	ble by $2689$ if $-2420$ times the last digit of the number added to the rest of the number is divisible by $2689$	
392. "	2693 " - 1885 " 2693 2600 " 2420 " " 2600	
373.	2699 " - 2429 " 2699 2707 " - 812 " 2707	
394. " 395. "	2707 - 812 2711 " - 271 " 2711	
	$\frac{2711}{100} = \frac{2711}{100}$ sole by 2713 if $\frac{2711}{100} = \frac{2711}{100}$ in $\frac{2711}{100} = \frac{2711}{100}$ in $\frac{2711}{100} = \frac{2711}{100}$	
397. "	$\frac{2713}{2719}$ " $-\frac{2447}{2719}$ " $\frac{2713}{2719}$	
397. 398. "	2719 - 2447 2729 " - 2456 " 2729	
399. "	2727 - 2430 2731 " - 273 " 2731	
400. "	2731 – 273 2741 " – 274 " 2741	
	sole by 2749 if $-2474$ times the last digit of the number added to the rest of the number is divisible by 2749	
402. "	2753 " $-1927$ " $2753$	
403. "	2767 " - 830 " 2767	
404. "	2777 " - 833 " 2777	
405. "	2789 " – 2510 " 2789	).
	ble by 2791 if $-279$ times the last digit of the number added to the rest of the number is divisible by 2791	
407.	2797 " - 839 " 2797	
408. "	2801 " - 280 " 2801	١.
409. "	2803 " – 1962 " 2803	3.
410. "	2819 " – 2537 " 2819	).
411. A number is divisil	ble by 2833 if $-1983$ times the last digit of the number added to the rest of the number is divisible by 2833	3.
412. "	2837 " – 851 " 2837	7.
413. "	2843 " – 1990 " 2843	
414. "	2851 " - 285 " 2851	
415. "	2857 " - 857 " 2857	
	ble by $2861$ if $-286$ times the last digit of the number added to the rest of the number is divisible by $2861$	
417. "	2879 " – 2591 " 2879	
418. "	2887 " - 866 " 2887 2807 " 860 " 2807	
419. "	2097 - 009	
420. "	2903 " – 2032 " 2903	٠.
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				BILIT I RULES FOR THE T 1000 I RIME NUMBERS—Commune	
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
422.	,,	2917 "		"	2917.
423.	" "	2927 "		"	2927.
424.	"	2939 " -		"	2939.
425.		2953 " -			2953.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
427.	,,	2963 " -		"	2963.
428.	" "	2969 " -		"	2969.
429.	" "	2971 "		,,	2971.
430.		2999 " -			2999.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
432.	,,	3011 "		"	3011.
433.	"	3019 " -		"	3019.
434.	" "	3023 " -		**	3023.
435.		3037 "			3037.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
437.	,,	3049 " -		**	3049.
438.	••	3061 "		" ••	3061.
439.	••	3067 "		" ••	3067.
440.		3079 " -			3079.
	A number is divisible by	3083 if -	- 2158	times the last digit of the number added to the rest of the number is divisible by	
442.	,,	3089 " -		"	3089.
443.	" "	3109 " -		"	3109.
444.	" "	3119 " -		"	3119.
445.		3121 "			3121.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
447.	••	3163 " -		" ••	3163.
448.	••	3167 "	- 950	"	3167.
449.	••	3169 " -		"	3169.
450.		3181 "			3181.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
452.	,,	3191 "		" ••	3191.
453.	••	3203 " -		" ••	3203.
454.	••	3209 " -		" ••	3209.
455.		3217 "			3217.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
457.	••	3229 " -		" ••	3229.
458.	,,	3251 "			3251.
459.	••	3253 " -		" ••	3253.
460.		3257 "			3257.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
462.	••	3271 "		" ••	3271.
463.	,,	3299 " -		,,	3299.
464.	,,	3301 "		,,	3301.
465.		3307 "			3307.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
467.	,,	3319 " -		"	3319.
468.	,,	3323 " -		"	3323.
469.	••	3329 " -		" ••	3329.
470.		3331 "	- 333		3331.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
472.	77	3347 " -		"	3347.
473.	" "	3359 " -		"	3359.
474.	,,	3361 "		"	3361.
475.	A	3371 "			3371.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
477.	,,	3389 " -		"	3389.
478.	,,	3391 "		"	3391.
479.	,,	3407 " -		"	3407.
480.		3413 " -			3413.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
482.	,,	3449 " -		"	3449.
483.	,,	3457 " -	- 103/	"	3457.
484.	,,	3461 "		"	3461.
485.	A mumbar !- J!- ! !! ! !	3463 " -		times the lest digit of the number of the time of the lest Cd	3463.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
487.	,,	3469 " -		"	3469.
488.	,,	3491 "		"	3491.
489.	,,	3499 " -		"	3499.
490.	A	3511 "		Attitude de la constitución de l	3511.
	A number is divisible by			times the last digit of the number added to the rest of the number is divisible by	
492.	,,	3527 " -		"	3527.
493.	,,	3529 " -		"	3529.
494.	,,	3533 " -	- 24/3	"	3533.
495.		3539 " -	- 3185		3539.
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	1. SIMPLE DIVISIBILITY RULES FOR THE 1 TOOO I RIME NUMBERS—Commuted	
	$\sqrt{3541}$ if $-354$ times the last digit of the number added to the rest of the number is divisible by $354$	
497. "	3547 " – 1064 " 3547 3557 " 1067 "	
490.	3337 - 1007	
477.	3339 - 3203	
500. "	3571 " - 357 - 3581 if - 3584 in a stable lead the fall a mark and the fall a mark of the	
	$\sqrt{3581}$ if $-358$ times the last digit of the number added to the rest of the number is divisible by $3581$	
502. "	3583 " – 2508 " 3583	
303.	3593 " – 2515 " 3593	
504. "	3607 " - 1082 " 3607" 3612 " 3613 " 3	
505. "	3613 " - 2529 " 3613	
507. A number is divisible by	7 3617 if - 1085 times the last digit of the number added to the rest of the number is divisible by 3617 3623 " - 2536 " 3623	
508. "	3631 " - 363 " 3631	
509.	3637 " - 1091 " 3637 3637 " - 1091 " 3637	
510.	3643 " - 2550 " 3643	
	73659  if  -3293  times the last digit of the number added to the rest of the number is divisible by 3659 if -3293 times the last digit of the number added to the rest of the number is divisible by 3659 if -3293 times the last digit of the number added to the rest of the number is divisible by 3659 if -3293 times the last digit of the number added to the rest of the number is divisible by 3659 if -3293 times the last digit of the number added to the rest of the number is divisible by 3659 if -3293 times the last digit of the number added to the rest of the number is divisible by 3659 if -3293 times the last digit of the number added to the rest of the number is divisible by 3659 times the last digit of the number added to the rest of the number added to the num	
511. A number is divisible by 512.	3671 " $-367$ " $3671$	
513. "	3673 " - 2571 " 3673	
514. "	3677 " - 1103 " 3677	
515. "	3691 " - 369 " 3691	
	$\sqrt{3697}$ if $-1109$ times the last digit of the number added to the rest of the number is divisible by $3697$	
517. "	3701 " $-370$	
518. "	3709 " – 3338 " 3709	
519. "	3719 " – 3347 " 3719	
520. "	3727 " – 1118 " 3727	7.
521. A number is divisible by	73733 if $-2613$ times the last digit of the number added to the rest of the number is divisible by $3733$	3.
522. "	3739 " – 3365 " 3739	
523. "	3761 " - 376 " 3761	1.
524. "	3767 " – 1130 " 3767	7.
525. "	3769 " – 3392 " 3769	
	73779 if $-3401$ times the last digit of the number added to the rest of the number is divisible by $3779$	9.
527. "	3793 " – 2655 " 3793	
528. "	3797 " – 1139 " 3797	
529. "	3803 " – 2662 " 3803	
530.	3821 " - 382 " 3821	
	$\sqrt{3823}$ if $-2676$ times the last digit of the number added to the rest of the number is divisible by $3823$	
532. " 533 "	3833 " – 2683 " 3833	
333.	3847 " – 1154 " 3847	
534. "	3851 " – 385 " 3851	
535.	3853 " – 2697 " 3853	
	$\sqrt{3863}$ if $-2704$ times the last digit of the number added to the rest of the number is divisible by $3863$	
537. "	3877 " – 1163 " 3877 3891 " 389	
330.	3001 - 300	
337.	3669 - 3300	
540. "	3907 " $-1172$ " $3907$ 3911 if $-391$ times the last digit of the number added to the rest of the number is divisible by $3911$	
542. "	3917 " $-1175$ " $3917$	
543. "	3919 " – 3527 " 3919	
544. "	3923 " - 2746 " 3923	
545. "	3929 " - 3536 " 3929	
	$\sqrt{3931}$ if $-393$ times the last digit of the number added to the rest of the number is divisible by $3931$	
547.	3943 " – 2760 " 3943	
548. "	3947 " – 1184 " 3947	
549. "	3967 " – 1190 " 3967	7.
550. "	3989 " – 3590 " 3989	9.
	4001 if $-400$ times the last digit of the number added to the rest of the number is divisible by $4001$	
552. "	4003 " – 2802 " 4003	3.
553. "	4007 " – 1202 " 4007	
554. "	4013 " – 2809 " 4013	
555. "	4019 " – 3617 " 4019	
	$\sqrt{4021}$ if $-402$ times the last digit of the number added to the rest of the number is divisible by $4021$	1.
557. "		
558. "	4027 " – 1208 " 4027	
	4049 " – 3644 " 4049	9.
559. "	4049 " – 3644 " " 4049 4051 " – 405 " " 4051	9. 1.
559. " 560. "	4049 " - 3644 " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4057	9. 1. 7.
559. " 560. " 561. A number is divisible by	4049 " - 3644 " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4057 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073	9. 1. 7. 3.
559. " 560. " 561. A number is divisible by 562. "	4049 " – 3644 " 4049 4051 " – 405 " 4051 4057 " – 1217 " 4057 4073 if – 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " – 3671 " 4079	9. 1. 7. 3.
559. " 560. " 561. A number is divisible by 562. " 563. "	4049 " - 3644 " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4057 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " - 3671 " 4079 4091 " - 409 " 4091	9. 1. 7. 3. 9.
559. " 560. " 561. A number is divisible by 562. " 563. " 564. "	4049 " - 3644 " " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4057 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " - 3671 " 4079 4091 " - 409 " 4091 4093 " - 2865 " 4093	9. 1. 7. 3. 9. 1.
559. " 560. " 561. A number is divisible by 562. " 563. " 564. " 565. "	4049 " - 3644 " " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4055 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " - 3671 " " 4079 4091 " - 409 " 4099 4093 " - 2865 " 4099 4099 " - 3689 " 4099	9. 1. 7. 3. 9. 1. 3.
559. " 560. " 561. A number is divisible by 562. " 563. " 564. " 565. " 566. A number is divisible by	4049 " - 3644 " " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4055 4057 " - 1217 " 4057 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " - 3671 " 4079 4091 " - 409 " 4099 4093 " - 2865 " 4099 4111 if - 411 times the last digit of the number added to the rest of the number is divisible by 4111	9. 1. 7. 3. 9. 1. 3.
559. " 560. " 561. A number is divisible by 562. " 563. " 564. " 565. " 566. A number is divisible by 567. "	4049 " - 3644 " " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4055 4074 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " - 3671 " 4079 4091 " - 409 " 4091 4093 " - 2865 " 4093 4099 " - 3689 " 4099 4111 if - 411 times the last digit of the number added to the rest of the number is divisible by 4111 4127 " - 1238 " 4127	9. 1. 7. 3. 9. 1. 7.
559. " 560. " 561. A number is divisible by 562. " 563. " 564. " 565. " 566. A number is divisible by 567. " 568. "	4049 " - 3644 " " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4055 4057 " - 1217 " 4055 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " - 3671 " 4079 4091 " - 409 " 4093 4093 " - 2865 " 4093 4099 " - 3689 " 4093 4111 if - 411 times the last digit of the number added to the rest of the number is divisible by 4111 4127 " - 1238 " 4129 4129 " - 3716 " 4129	9. 1. 7. 3. 9. 1. 3. 9.
559. " 560. " 561. A number is divisible by 562. " 563. " 564. " 565. " 566. A number is divisible by 567. " 568. "	4049 " - 3644 " " 4049 4051 " - 405 " 4051 4057 " - 1217 " 4055 4074 4073 if - 2851 times the last digit of the number added to the rest of the number is divisible by 4073 4079 " - 3671 " 4079 4091 " - 409 " 4091 4093 " - 2865 " 4093 4099 " - 3689 " 4099 4111 if - 411 times the last digit of the number added to the rest of the number is divisible by 4111 4127 " - 1238 " 4129 4129 " - 3716 " 4129	9. 1. 7. 3. 9. 1. 3. 9. 1. 7. 9.

571	A	4152 if 2007 time the left file of the manh and the state of the manh and a district labeled to the state of the same the same the state of the same the state of the same the state of the same the same the state of the same	152
571. 572.	A number is divisible by	4153 if $-2907$ times the last digit of the number added to the rest of the number is divisible by 4157."	155. 157.
572. 573.	,,		157. 159.
574.	,,		177.
575.	,,		201.
	A number is divisible by	4211 if $-421$ times the last digit of the number added to the rest of the number is divisible by $42$	
577.	,,		217.
578.	"		219.
579.	,,	4229 " – 3806 "	229.
580.	"		231.
581.	A number is divisible by	4241 if $-424$ times the last digit of the number added to the rest of the number is divisible by $42$	241.
582.	,,		243.
583.	"		253.
584.	,,		259.
585.	,,		261.
	A number is divisible by	4271 if -427 times the last digit of the number added to the rest of the number is divisible by 42	
587.	,,		273.
588.	,,	4283 - 2998 42	283.
589.	**	4269 - 3800	289. 297.
590.	A number is divisible by	4297 " $-1289$ " $42$ $4327$ if $-1298$ times the last digit of the number added to the rest of the number is divisible by $43$	
591.	A number is divisible by		327. 337.
593.	,,		337. 339.
594.	,,		349.
595.	,,		357.
	A number is divisible by	4363 if $-3054$ times the last digit of the number added to the rest of the number is divisible by $43$	
597.	"," arvisiere ey		373.
598.	,,		391.
599.	"		397.
600.	,,		409.
601.	A number is divisible by	4421 if $-442$ times the last digit of the number added to the rest of the number is divisible by $44$	421.
602.	"		423.
603.	,,	4441 " - 444 " 44	441.
604.	"		447.
605.	"		451.
	A number is divisible by	4457 if $-1337$ times the last digit of the number added to the rest of the number is divisible by $44$	
607.	"		463.
608.	"		481.
609.	"	4463 - 3136	483.
610.	A 1 : 1: : : : 1 1		493.
	A number is divisible by	4507 if $-1352$ times the last digit of the number added to the rest of the number is divisible by $4507$ if $-1352$ times the last digit of the number added to the rest of the number is divisible by $4507$ if $-1352$ times the last digit of the number added to the rest of the number is divisible by $4507$ if $-1352$ times the last digit of the number added to the rest of the number is divisible by $4507$ if $-1352$ times the last digit of the number added to the rest of the number is divisible by $4507$ if $-1352$ times the last digit of the number added to the rest of the number is divisible by $4507$ if $-1352$ times and $-1352$ times are added to the rest of the number added to	
612.	"		513.
613.	**	4517 - 1555	517.
614. 615.	,,	4519 - 4007	519. 523.
	A number is divisible by	4525 - 3100 4. $4527 - 3100$ 4. $4527$	
617.	A number is divisible by		549.
618.	,,		561.
619.	,,		567.
620.	,,		583.
	A number is divisible by	4591 if $-459$ times the last digit of the number added to the rest of the number is divisible by $45$	
622.	,,		597.
623.	,,	4603 " – 3222 " 46	603.
624.	"		621.
625.	,,		637.
	A number is divisible by	4639 if $-4175$ times the last digit of the number added to the rest of the number is divisible by $46$	
627.	"		643.
628.	,,		649.
629.	••		651.
630.			657.
	A number is divisible by	4663 if $-3264$ times the last digit of the number added to the rest of the number is divisible by $4673$ if $-3264$ times the last digit of the number added to the rest of the number is divisible by $4673$ if $-3264$ times the last digit of the number added to the rest of the number is divisible by $4673$ if $-3264$ times the last digit of the number added to the rest of the number is divisible by $4673$ if $-3264$ times the last digit of the number added to the rest of the number is divisible by $4673$ if $-3264$ times and $-3264$ times and $-3264$ times are added to the rest of the number added to the rest of the number is divisible by $-3264$ times and $-3264$ times and $-3264$ times are added to the rest of the number added to the rest of the number is divisible by $-3264$ times and $-3264$ times are added to the rest of the number added to the n	
632.	"		673.
633.	,,	40/9 - 4211	679.
634.	,,		691. 703.
635.	A number is divisible by	4703 " $-3292$ " $4721$ if $-472$ times the last digit of the number added to the rest of the number is divisible by $4721$ if $4721$ in $4721$	
637.	A number is divisible by		721. 723.
638.	,,		723. 729.
639.	"		729. 733.
640.	,,		753. 751.
	A number is divisible by	4751 - 475 $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4759 = 4283$ times the last digit of the number added to the rest of the number is divisible by $4750 = 4283$ times the last digit of the number added to the rest of the number added to the nu	
642.	","		783.
643.	"	4787 " – 1436 " 47	787.
644.	"	4789 " – 4310 " 47	789.
645.	,,		793.

646.						
	A number is divisible by				It imes the last digit of the number added to the rest of the number is divisible by	4799.
647.				-480		4801.
648.				- 3369		4813.
649.	,,	4817	,,	<b>–</b> 1445	"	4817.
650.				-483		4831.
651.	A number is divisible by	4861	if	-486	5 times the last digit of the number added to the rest of the number is divisible by	4861.
652.		4871		-487		4871.
653.				- 1463		4877.
654.				- 4400		4889.
655.				- 3432		4903.
					It is times the last digit of the number added to the rest of the number is divisible by	
657.				- 4427		4919.
658.				- 493		4931.
659.				<b>- 3453</b>		4933.
660.				<b>- 1481</b>		4937.
661.	A number is divisible by	4943	if	<b>–</b> 3460	times the last digit of the number added to the rest of the number is divisible by	4943.
662.		4951	,,	<b>- 495</b>	,,	4951.
663.	,,	4957	,,	-1487	"	4957.
664.	,,	4967	,,	- 1490	"	4967.
665.	,,	4969	,,	- 4472	"	4969.
					times the last digit of the number added to the rest of the number is divisible by	
667.				- 1496		4987.
668.				- 3495		4993.
669.				- 4499		4999.
						5003.
670.				- 3502		
					3 times the last digit of the number added to the rest of the number is divisible by	
672.				- 501		5011.
673.				- 502		5021.
674.				<b>–</b> 3516		5023.
675.				<b>–</b> 4535		5039.
676.	A number is divisible by	5051	if	-505	5 times the last digit of the number added to the rest of the number is divisible by	5051.
677.	,,	5059	,,	<b>- 4553</b>	,,	5059.
678.	,,	5077	,,	- 1523	"	5077.
679.				- 508		5081.
680.				- 1526		5087.
					times the last digit of the number added to the rest of the number is divisible by	
682.				- 510		5101.
683.				- 1532		5107.
684.				- 3579		5113.
685.				- 4607		5119.
					times the last digit of the number added to the rest of the number is divisible by	
687.				<b>–</b> 3607		5153.
688.				<b>–</b> 1550		5167.
689.	,,	5171	,,	-517	"	5171.
690.	,,			1001	••	
691.		5179	"	- 4001	"	5179.
						5179.
	A number is divisible by	5189	if	<b>-</b> 4670	times the last digit of the number added to the rest of the number is divisible by	5179. 5189.
692.	A number is divisible by	5189 5197	if ,,	- 4670 - 1559	times the last digit of the number added to the rest of the number is divisible by	5179. 5189. 5197.
692. 693.	A number is divisible by	5189 5197 5209	if ,,	- 4670 - 1559 - 4688	times the last digit of the number added to the rest of the number is divisible by " "" ""	5179. 5189. 5197. 5209.
692. 693. 694.	A number is divisible by " " " "	5189 5197 5209 5227	if ,,	- 4670 - 1559 - 4688 - 1568	of times the last digit of the number added to the rest of the number is divisible by """  """  """  """  """	5179. 5189. 5197. 5209. 5227.
692. 693. 694. 695.	A number is divisible by " " " " "	5189 5197 5209 5227 5231	if ,, ,,	- 4670 - 1559 - 4688 - 1568 - 523	of times the last digit of the number added to the rest of the number is divisible by "" "" "" "" "" "" ""	5179. 5189. 5197. 5209. 5227. 5231.
692. 693. 694. 695. 696.	A number is divisible by " " " " A number is divisible by	5189 5197 5209 5227 5231 5233	if ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	- 4670 - 1559 - 4688 - 1568 - 523 - 3663	of times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233.
692. 693. 694. 695. 696. 697.	A number is divisible by " " " " A number is divisible by	5189 5197 5209 5227 5231 5233 5237	if ,, ,, if	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571	o times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  Stimes the last digit of the number added to the rest of the number is divisible by ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237.
692. 693. 694. 695. 696. 697.	A number is divisible by " " " " A number is divisible by "	5189 5197 5209 5227 5231 5233 5237 5261	if ,, ,, if ,,	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526	of times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  Stimes the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261.
692. 693. 694. 695. 696. 697. 698.	A number is divisible by "" "" A number is divisible by "" ""	5189 5197 5209 5227 5231 5233 5237 5261 5273	if ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273.
692. 693. 694. 695. 696. 697. 698. 699. 700.	A number is divisible by  " " " A number is divisible by " " " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279	if " " " if " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751	times the last digit of the number added to the rest of the number is divisible by  " " " " " " " " " " " " " " " " " "	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273. 5279.
692. 693. 694. 695. 696. 697. 698. 699. 700.	A number is divisible by ", ", ", A number is divisible by ", ", ", A number is divisible by	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281	if ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528	times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273. 5279.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702.	A number is divisible by  " " " A number is divisible by " " " " A number is divisible by "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297	if ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273. 5279. 5281. 5297.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703.	A number is divisible by  " " " A number is divisible by " " " " A number is divisible by " " " " " " " " " " " " " " " " " " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303	if " " " if " " " if " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712	times the last digit of the number added to the rest of the number is divisible by  """  It times the last digit of the number added to the rest of the number is divisible by  """  It times the last digit of the number added to the rest of the number is divisible by  """  It times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  ""  """  """  "	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273. 5279. 5281. 5297. 5303.
692. 693. 694. 695. 696. 697. 698. 700. 701. 702. 703. 704.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " " " " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309	if " " " if " " " if " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778	times the last digit of the number added to the rest of the number is divisible by  ""  ""  It times the last digit of the number added to the rest of the number is divisible by  ""  ""  It times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5281. 5297. 5303. 5309.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705.	A number is divisible by "" "" A number is divisible by "" "" A number is divisible by "" "" "" "" "" "" "" "" "" "" "" "" ""	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323	if " " " if " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726	times the last digit of the number added to the rest of the number is divisible by  ""  B times the last digit of the number added to the rest of the number is divisible by  ""  B times the last digit of the number added to the rest of the number is divisible by  ""  B times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273. 5279. 5303. 5309. 5323.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705.	A number is divisible by "" "" A number is divisible by "" " A number is divisible by "" " A number is divisible by "" " A number is divisible by	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5333	if " " " if " " " if " " " if "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733	times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273. 5279. 5303. 5309. 5323.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705.	A number is divisible by "" "" A number is divisible by "" " A number is divisible by "" " A number is divisible by "" " A number is divisible by	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5333	if " " " if " " " if " " " if "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733	times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5273. 5279. 5303. 5309. 5323.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " A number is divisible by " " " A number is divisible by "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5333 5347	if " " if " " if " " if " " if "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726	times the last digit of the number added to the rest of the number is divisible by  ""  B times the last digit of the number added to the rest of the number is divisible by  ""  B times the last digit of the number added to the rest of the number is divisible by  ""  B times the last digit of the number added to the rest of the number is divisible by  ""  B times the last digit of the number added to the rest of the number is divisible by  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5281. 5297. 5303. 5309. 5323. 5333.
692. 693. 694. 695. 696. 697. 698. 700. 701. 702. 703. 704. 705. 706. 707.	A number is divisible by  " " A number is divisible by " " A number is divisible by " " A number is divisible by " " " A number is divisible by " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5333 5347 5351	if " " if " " " if " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733 - 1604 - 535	times the last digit of the number added to the rest of the number is divisible by  """  It is times the last digit of the number added to the rest of the number is divisible by  """  It is times the last digit of the number added to the rest of the number is divisible by  """  It is times the last digit of the number added to the rest of the number is divisible by  """  It is times the last digit of the number added to the rest of the number is divisible by  """  It is times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5281. 5297. 5303. 5309. 5323. 5323.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " " A number is divisible by " " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5333 5347 5351 5381	if ", ", ", ", ", ", ", ", ", ", ", ", ",	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3733 - 3733 - 1604 - 535 - 538	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5233. 5233. 5279. 5281. 5297. 5303. 5309. 5323. 5329. 5329. 5329. 5329. 5329.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " " " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5337 5347 5351 5387	if ", ", ", ", ", ", ", ", ", ", ", ", ",	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733 - 1604 - 535 - 538 - 1616	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5279. 5281. 5297. 5303. 5309. 5323. 5333. 5347. 5351. 5381.
692. 693. 694. 695. 696. 697. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by	5189 5197 5209 5227 5231 5233 5237 5267 5273 5279 5281 5297 5303 5309 5323 5333 5347 5351 5387 5393	if " " " if " " if " " if " " " if	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733 - 1604 - 535 - 538 - 1616 - 3775	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5279. 5281. 5297. 5303. 5309. 5323. 5333. 5347. 5351. 5381. 5387.
692. 693. 694. 695. 696. 697. 700. 701. 702. 703. 704. 705. 706. 707. 708. 710. 711. 712.	A number is divisible by  ""  A number is divisible by  ""  "  A number is divisible by  "  "  "  A number is divisible by " " "  "  "  "  "  "  "  "  "  "  "  "	5189 5197 5209 5227 5231 5233 5237 5263 5279 5281 5297 5303 5309 5323 5333 5347 5351 5381 5387 5393	if " " " " " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 3712 - 4778 - 3726 - 3733 - 1604 - 5358 - 1616 - 3775 - 4859	times the last digit of the number added to the rest of the number is divisible by  ""  ""  ""  ""  ""  ""  ""  ""  ""	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5297. 5303. 5309. 5323. 5347. 5351. 5381. 5387. 5399.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 711. 712. 713.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5333 5347 5351 5381 5381 5393 5399 5407	if " " " if " " if " " " if " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733 - 1604 - 535 - 538 - 1638 - 1638 - 1638 - 1645 - 1646 - 1	times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  B times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5381. 5399. 5387. 5381. 5387. 5399. 5407.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 710. 711. 712. 713. 714.	A number is divisible by  ""  A number is divisible by  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	5189 5197 5209 5227 5231 5233 5237 5261 5279 5281 5297 5303 5309 5323 5347 5351 5381 5387 5399 5407 5413	if " " " if " " " if " " " " " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733 - 1604 - 535 - 538 - 1616 - 3775 - 4859 - 1622 - 3789	times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5303. 5309. 5309. 5323. 5347. 5351. 5381. 5393. 5399. 5407. 5413.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 710. 711. 712. 713. 714. 715.	A number is divisible by  ""  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5297 5381 5393 5393 5393 5393 5397 5413 5417	if " " " if " " " if " " " " " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733 - 1604 - 535 - 538 - 1616 - 3775 - 4859 - 1622 - 3789 - 1625	times the last digit of the number added to the rest of the number is divisible by  """  """  It times the last digit of the number added to the rest of the number is divisible by  """  """  It times the last digit of the number added to the rest of the number is divisible by  """  """  It times the last digit of the number added to the rest of the number is divisible by  """  ""  """  """  """  """  """  "	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5303. 5309. 5323. 5347. 5351. 5387. 5399. 5407. 5413.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 710. 711. 712. 713. 714. 715. 716.	A number is divisible by  " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by " " " A number is divisible by	5189 5197 5209 5227 5231 5233 5279 5261 5273 5297 5303 5309 5323 5333 5347 5351 5387 5381 5387 5393 5407 5413 5417 5419	if " " " if " " " " " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3726 - 3733 - 1604 - 535 - 538 - 1616 - 3775 - 4852 - 3789 - 1625 - 4877	times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5281. 5297. 5303. 5309. 5323. 5347. 5351. 5381. 5399. 5407. 5413. 5417. 5419.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 706. 707. 710. 711. 712. 713. 714. 715. 716.	A number is divisible by  " " A number is divisible by " " A number is divisible by " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5297 5303 5309 5323 5333 5347 5351 5381 5387 5399 5407 5413 5417 5419	if " " " " " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3723 - 1604 - 535 - 538 - 1616 - 3775 - 4859 - 1622 - 3789 - 3785 - 1622 - 3785 - 4877 - 543	times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5281. 5297. 5303. 5309. 5323. 5347. 5351. 5381. 5393. 5407. 5413. 5417. 5419.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 710. 711. 712. 713. 714. 715. 716. 717.	A number is divisible by  " " A number is divisible by " " A number is divisible by " "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5309 5323 5337 5387 5381 5387 5381 5387 5413 5413 5413 5437	if " " " if " " " " if " " " " " if " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3733 - 1604 - 535 - 538 - 1616 - 3775 - 4859 - 1622 - 3789 - 1625 - 4877 - 543 - 1631	times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5233. 5233. 5261. 5279. 5281. 5297. 5303. 5303. 5303. 5347. 5351. 5387. 5381. 5393. 5407. 5413. 5417. 5419. 5431.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 707. 708. 710. 711. 712. 713. 714. 715. 716. 717.	A number is divisible by  ""  A number is divisible by  "  A number is divisible by  "  "  A number is divisible by  "  "  A number is divisible by  "  A number is divisible by  "  "  A number is divisible by  "  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5339 53407 5351 5387 5387 5399 5407 5413 5417 5437 5441	if " " " if " " " " if " " " " " if " " " " " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3733 - 1604 - 535 - 538 - 1616 - 3775 - 4859 - 1622 - 3789 - 1625 - 4877 - 543 - 544	times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5231. 5233. 5237. 5261. 5279. 5297. 5303. 5309. 5323. 5347. 5351. 5381. 5381. 5387. 5417. 5419. 5419.
692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 710. 711. 712. 713. 714. 715. 716. 717.	A number is divisible by  ""  A number is divisible by  "  A number is divisible by  "  "  A number is divisible by  "  "  A number is divisible by  "  A number is divisible by  "  "  A number is divisible by  "  "  A number is divisible by  "  "  "  A number is divisible by  "  "  "  "  "  A number is divisible by  "  "  "  "  "  "  "  "  "  "  "  "  "	5189 5197 5209 5227 5231 5233 5237 5261 5273 5279 5281 5297 5303 5339 53407 5351 5387 5387 5399 5407 5413 5417 5437 5441	if " " " if " " " " if " " " " " if " " " " " " " " " " " " " " " " " " "	- 4670 - 1559 - 4688 - 1568 - 523 - 3663 - 1571 - 526 - 3691 - 4751 - 528 - 1589 - 3712 - 4778 - 3733 - 1604 - 535 - 538 - 1616 - 3775 - 4859 - 1622 - 3789 - 1625 - 4877 - 543 - 1631	times the last digit of the number added to the rest of the number is divisible by  """  """  """  """  """  """  """	5179. 5189. 5197. 5209. 5227. 5233. 5233. 5261. 5279. 5281. 5297. 5303. 5303. 5303. 5347. 5351. 5387. 5381. 5393. 5407. 5413. 5417. 5419. 5431.

#### TABLE 1. SIMPLE DIVISIBILITY RULES FOR THE 1<sup>st</sup> 1000 PRIME NUMBERS—Continued

```
721. A number is divisible by 5449 if – 4904 times the last digit of the number added to the rest of the number is divisible by 5449.
                              5471
                                       - 547
722.
                                                                                                                           5471.
                              5477 " - 1643
723.
                                                                                                                           5477.
                              5479 " - 4931
724.
                                                                                                                           5479.
                              5483 " - 3838
725.
                                                                                                                           5483.
726. A number is divisible by 5501 if -550 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5501.
                              5503
                                      -3852
72.7
                                                                                                                           5503.
728.
                              5507
                                      -1652
                                                                                                                           5507.
729.
                              5519
                                      -4967
                                                                                                                           5519.
730.
                              5521
                                       -552
                                                                                                                           5521.
731. A number is divisible by 5527 if -1658 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5527.
                              5531
732.
                                       -553
                                                                                                                           5531.
733.
                              5557
                                      -1667
                                                                                                                           5557.
                              5563
734.
                                      -3894
                                                                                                                           5563.
                              5569 " - 5012
735.
                                                                                                                           5569.
736. A number is divisible by
                              5573 if -3901 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5573.
737.
                              5581
                                       -558
                                                                                                                           5581.
                                       -559
738.
                              5591
                                                                                                                           5591.
739.
                              5623
                                      -3936
                                                                                                                           5623.
                              5639 "
740.
                                      -5075
                                                                                                                           5639.
741. A number is divisible by 5641 if -564 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5641.
742.
                              5647
                                      -1694
                                                                                                                           5647.
743.
                              5651
                                        - 565
                                                                                                                           5651.
                                      -3957
744.
                              5653
                                                                                                                           5653.
                                    " – 1697
745.
                                                                                                                           5657.
                              5657
                              5659 if -5093 times the last digit of the number added to the rest of the number is divisible by
746. A number is divisible by
                                                                                                                           5659.
747.
                              5669
                                      -5102
                                                                                                                           5669.
748.
                              5683
                                      -3978
                                                                                                                           5683.
749.
                              5689
                                      -5120
                                                                                                                           5689.
                              5693
750.
                                      -3985
                                                                                                                           5693.
751. A number is divisible by 5701 if -570 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5701.
752.
                              5711
                                       -571
                                                                                                                           5711.
753.
                              5717
                                      -1715
                                                                                                                           5717.
                                    " - 1721
                              5737
754.
                                                                                                                           5737.
                              5741 "
755.
                                       - 574
                                                                                                                           5741.
756. A number is divisible by 5743 if -4020 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5743.
                              5749
                                      -5174
                                                                                                                           5749.
757.
758.
                              5779
                                                                                                                           5779.
                                       - 5201
759.
                              5783
                                      -4048
                                                                                                                           5783.
760.
                              5791
                                       -579
                                                                                                                           5791.
761. A number is divisible by 5801 if -580 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5801.
                              5807
                                      -1742
762.
                                                                                                                           5807.
                              5813
                                      -4069
                                                                                                                           5813.
763.
764.
                              5821
                                       -582
                                                                                                                           5821.
                                    " - 1748
765.
                              5827
                                                                                                                           5827.
766. A number is divisible by
                             5839 if -5255 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5839.
767.
                              5843
                                      -4090
                                                                                                                           5843.
768.
                              5849
                                                                                                                           5849.
                                      -5264
769.
                              5851
                                       -585
                                                                                                                           5851.
                              5857
                                      -1757
770.
                                                                                                                           5857.
771. A number is divisible by
                              5861 if - 586 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5861.
772.
                              5867
                                      -1760
                                                                                                                           5867.
                              5869
                                      -5282
773.
                                                                                                                           5869.
774.
                              5879
                                      -5291
                                                                                                                           5879.
                              5881 " - 588
775.
                                                                                                                           5881.
776. A number is divisible by
                              5897 \text{ if } -1769 \text{ times the last digit of the number added to the rest of the number is divisible by}
                                                                                                                           5897.
777.
                              5903
                                      -4132
                                                                                                                           5903.
                              5923
778.
                                      -4146
                                                                                                                           5923.
779.
                              5927
                                      -1778
                                                                                                                           5927.
                              5939 " - 5345
                                                                                                                           5939.
780.
781. A number is divisible by 5953 if -4167 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                           5953.
                              5981
782.
                                       -598
                                                                                                                           5981.
783.
                              5987
                                      -1796
                                                                                                                           5987.
784.
                                      -1802
                                                                                                                           6007.
                              6007
785.
                                       -601
                                                                                                                           6011.
                              6011
786. A number is divisible by 6029 if – 5426 times the last digit of the number added to the rest of the number is divisible by 6029.
                              6037
                                       - 1811
787.
                                                                                                                           6037.
                                    " - 4230
788.
                              6043
                                                                                                                           6043.
                                    " - 1814
789.
                              6047
                                                                                                                           6047.
790.
                              6053
                                                                                                                           6053.
                                      -4237
791. A number is divisible by 6067 if -1820 times the last digit of the number added to the rest of the number is divisible by 6067.
792.
                                       - 4251
                              6073
                                                                                                                           6073.
                              6079 " - 5471
793.
                                                                                                                           6079.
                              6089 " - 5480
794.
                                                                                                                           6089.
                              6091 " - 609
795.
                                                                                                                           6091.
```

		. SIMPLE DIVISIBILITY ROLES FOR THE 1 TOOUT RIME INCIMBERS—Communed	
	A number is divisible by	6101 if $-610$ times the last digit of the number added to the rest of the number is divisible by	
797.	,,	6113 " – 4279 "	6113.
798.	" "	0121 - 012	6121.
799.	"	6131 " - 613 "	6131.
800.	A	6133 " - 4293 6142 if	6133.
	A number is divisible by	6143 if $-4300$ times the last digit of the number added to the rest of the number is divisible b	
802.	"	6151 " - 615 "	6151.
803.	,,	6163 " – 4314 "	6163.
804.	,,	6173 " - 4321 "	6173. 6197.
805.	A number is divisible by	6197" – 1859 6100 if 5570 times the last digit of the number added to the rest of the number is divisible by	
807.	A number is divisible by	6199 if $-5579$ times the last digit of the number added to the rest of the number is divisible b	
808.	,,	6203 " - 4342 6211 " - 621 "	6203. 6211.
809.	,,	6217 " – 1865 "	6217.
810.	,,	6221 " - 622 "	6221.
	A number is divisible by	6229 if $-5606$ times the last digit of the number added to the rest of the number is divisible b	
812.	A number is divisible by	6247 " $-1874$	6247.
813.	,,	6257 " – 1877 "	6257.
814.	,,	6263 " - 4384 "	6263.
815.	,,	6269 " - 5642 "	6269.
	A number is divisible by	6271 if $-627$ times the last digit of the number added to the rest of the number is divisible b	
817.	"," arvisiole by	6277 " $-1883$ "	6277.
818.	,,	6287 " – 1886 "	6287.
819.	,,	6299 " – 5669 "	6299.
820.	,,	6301 " - 630 "	6301.
	A number is divisible by	6311 if $-631$ times the last digit of the number added to the rest of the number is divisible b	
822.	,,	6317 " – 1895	6317.
823.	,,	6323 " - 4426 "	6323.
824.	,,	6329 " – 5696 "	6329.
825.	,,	6337 " - 1901 "	6337.
826.	A number is divisible by	6343 if - 4440 times the last digit of the number added to the rest of the number is divisible b	v 6343.
827.	,,	6353 " – 4447 "	6353.
828.	"	6359 " – 5723 "	6359.
829.	,,	6361 " - 636 "	6361.
830.	,,	6367 " – 1910 "	6367.
831.	A number is divisible by	6373 if -4461 times the last digit of the number added to the rest of the number is divisible b	y 6373.
832.	,,	6379 " – 5741 "	6379.
833.	,,	6389 " – 5750 "	6389.
834.	,,	6397 " – 1919 "	6397.
835.	,,	6421 " - 642 "	6421.
	A number is divisible by	6427 if – 1928 times the last digit of the number added to the rest of the number is divisible b	y 6427.
837.	,,	6449 " – 5804 "	6449.
838.	,,	6451 " - 645 "	6451.
839.	,,	6469 " – 5822 "	6469.
840.	,,	6473 " – 4531 "	6473.
	A number is divisible by	6481 if $-648$ times the last digit of the number added to the rest of the number is divisible by	
842.	,,	6491 " - 649 "	6491.
843.	,,	6521 " - 652 "	6521.
844.	,,	6529 " – 5876 "	6529.
845.		6547 " – 1964	6547.
	A number is divisible by	6551 if -655 times the last digit of the number added to the rest of the number is divisible b	
847.	,,	6553 " - 4587 " 6562 " - 4504 "	6553.
848.	,,	0303 - 4394	6563.
849.	,,	0309 - 3912	6569.
850. 851	A number is divisible by	6571 " - 657 6577 if - 1973 times the last digit of the number added to the rest of the number is divisible b	6571.
851.	A number is divisible by	6581 " - 658	6581.
853.	,,	6599 " – 5939 "	6599.
854.	,,	6607 " – 1982 "	6607.
855.	,,	6619 " – 5957 "	6619.
	Δ number is divisible by	6637 if $-1991$ times the last digit of the number added to the rest of the number is divisible b	
857.	A number is divisible by	6653 " $-4657$	6653.
858.	,,	6659 " – 5993 "	6659.
859.	,,	6661 " - 666 "	6661.
860.	,,	6673 " - 4671 "	6673.
	A number is divisible by	6679 if $-6011$ times the last digit of the number added to the rest of the number is divisible b	
862.	,, ,, ,,	6689 " $-6020$	6689.
863.	,,	6691 " - 669 "	6691.
864.	,,	6701 " - 670 "	6701.
865.	,,	6703 " – 4692 "	6703.
	A number is divisible by	6709 if $-6038$ times the last digit of the number added to the rest of the number is divisible b	
867.	,, arriago o y	6719 " $-6047$	6719.
868.	,,	6733 " – 4713 "	6733.
869.	,,	6737 " – 2021 "	6737.
870.	,,	6761 " - 676 "	6761.

#### TABLE 1. SIMPLE DIVISIBILITY RULES FOR THE 1<sup>st</sup> 1000 PRIME NUMBERS—Continued

```
871. A number is divisible by 6763 if -4734 times the last digit of the number added to the rest of the number is divisible by 6763.
872.
                              6779
                                     -6101
                              6781 "
873.
                                      - 678
                                                                                                                          6781.
874.
                             6791
                                      -679
                                                                                                                          6791.
                              6793 " - 4755
875.
                                                                                                                          6793.
876. A number is divisible by 6803 if -4762 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          6803.
877
                              6823
                                      -4776
                                                                                                                          6823
                              6827
878.
                                      -2048
                                                                                                                          6827.
879.
                              6829
                                      -6146
                                                                                                                          6829.
880.
                              6833
                                      -4783
                                                                                                                          6833.
881. A number is divisible by 6841 if -684 times the last digit of the number added to the rest of the number is divisible by 6841.
882.
                              6857
                                      -2057
                                                                                                                          6857.
883.
                              6863
                                      -4804
                                                                                                                          6863.
884.
                              6869
                                      -6182
                                                                                                                          6869.
                              6871 "
885.
                                                                                                                          6871.
                                       -687
886. A number is divisible by
                             6883 if -4818 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          6883.
887.
                              6899
                                      -6209
                                                                                                                          6899.
                                   " - 2072
888.
                              6907
                                                                                                                          6907.
                              6911
889.
                                       -691
                                                                                                                          6911.
                                     -2075
                              6917
890.
                                                                                                                          6917.
891. A number is divisible by 6947 if -2084 times the last digit of the number added to the rest of the number is divisible by 6947.
892.
                              6949
                                      -6254
                                                                                                                          6949.
893.
                              6959
                                      -6263
                                                                                                                          6959.
894.
                              6961
                                      - 696
                                                                                                                          6961.
                                   " – 2090
895.
                              6967
                                                                                                                          6967.
896. A number is divisible by 6971 if - 697 times the last digit of the number added to the rest of the number is divisible by 6971.
897.
                              6977
                                      -2093
                                                                                                                          6977
898.
                              6983
                                      -4888
                                                                                                                          6983.
899.
                              6991
                                       - 699
                                                                                                                          6991.
                                     -2099
                                                                                                                          6997.
900.
                              6997
                             7001 if -700 times the last digit of the number added to the rest of the number is divisible by
901. A number is divisible by
                                                                                                                          7001.
                              7013
                                     -4909
                                                                                                                          7013.
                              7019 " - 6317
903.
                                                                                                                          7019.
                              7027 " - 2108
904.
                                                                                                                          7027.
                              7039 " - 6335
905.
                                                                                                                          7039.
906. A number is divisible by 7043 if - 4930 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          7043.
                              7057
                                      -2117
907.
                              7069 " - 6362
908.
                                                                                                                          7069.
                              7079 "
909.
                                      -6371
                                                                                                                          7079.
                              7103 " – 4972
910.
                                                                                                                          7103.
911. A number is divisible by 7109 if -6398 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          7109.
                              7121
                                       -712
                                                                                                                          7121.
912.
913.
                              7127
                                      -2138
                                                                                                                          7127.
914.
                              7129
                                      -6416
                                                                                                                          7129.
                              7151 "
915.
                                       -715
                                                                                                                          7151.
916. A number is divisible by 7159 if -6443 times the last digit of the number added to the rest of the number is divisible by 7159.
                              7177
917.
                                      -2153
                                                                                                                          7177.
                                   " – 2156
                              7187
918.
                                                                                                                          7187.
                                   " - 5035
919.
                              7193
                                                                                                                          7193.
                              7207
                                     -2162
                                                                                                                          7207.
920.
921. A number is divisible by 7211 if -721 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          7211.
                              7213
                                      -5049
                                                                                                                          7213.
                              7219
923.
                                      -6497
                                                                                                                          7219.
924.
                              7229
                                      -6506
                                                                                                                          72.29.
                              7237 " - 2171
925.
                                                                                                                          7237.
926. A number is divisible by 7243 if – 5070 times the last digit of the number added to the rest of the number is divisible by 7243.
927.
                              7247
                                        2174
                                                                                                                          7247.
                                                                                                                          7253.
928.
                              72.53
                                      -5077
929.
                              7283
                                      -5098
                                                                                                                          7283.
                                   " - 2189
930.
                              7297
                                                                                                                          7297.
931. A number is divisible by 7307 if - 2192 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          7307.
932.
                              7309
                                      -6578
                                                                                                                          7309.
                              7321
933.
                                       -732
                                                                                                                          7321.
934.
                              7331
                                       -733
                                                                                                                          7331.
                                   " - 5133
                              7333
935.
                                                                                                                          7333.
936. A number is divisible by 7349 if – 6614 times the last digit of the number added to the rest of the number is divisible by 7349.
937.
                              7351
                                       -735
                                                                                                                          7351.
                              7369
938.
                                      -6632
                                                                                                                          7369.
939.
                              7393
                                      -5175
                                                                                                                          7393.
940.
                              7411
                                                                                                                          7411.
                                       - 741
941. A number is divisible by
                             7417 if -2225 times the last digit of the number added to the rest of the number is divisible by
                                                                                                                          7417.
                              7433
                                      -5203
                                                                                                                          7433.
942.
                              7451 "
943.
                                      -745
                                                                                                                          7451.
                              7457 " - 2237
944.
                                                                                                                          7457.
                              7459 " - 6713
945.
                                                                                                                          7459.
```

946.	A number is divisible by	7477 if	i - 2243 times the last digit of the number added to the rest of the number is divisible by	7477.
947.	"," ","	7481 "		7481.
948.	,,			7487.
949.	,,	7489 "	- 6740	7489.
950.	,,	7499 "	- 6749	7499.
951.	A number is divisible by	7507 if	-2252 times the last digit of the number added to the rest of the number is divisible by	7507.
952.	,,	7517 "		7517.
953.	"			7523.
954.	"			7529.
955.		7537 "		7537.
	A number is divisible by		-754 times the last digit of the number added to the rest of the number is divisible by	
957.	,,			7547.
958. 959.	,,			7549. 7559.
939. 960.	,,			7559. 7561.
	A number is divisible by		5 – 730 – 73	
962.	A number is divisible by			7577. 7577.
963.	,,			7583.
964.	,,			7589.
965.	,,			7591.
	A number is divisible by		-5322 times the last digit of the number added to the rest of the number is divisible by	
967.	,,	7607 "		7607.
968.	,,	7621 "	- 762	7621.
969.	,,	7639 "		7639.
970.	"			7643.
	A number is divisible by		-6884 times the last digit of the number added to the rest of the number is divisible by	
972.	"			7669.
973.	,,		- 55/1	7673.
974.	22			7681.
975.	A			7687.
976. 977.	A number is divisible by		-769 times the last digit of the number added to the rest of the number is divisible by $-6929$	7691. 7699.
977. 978.	,,			7099. 7703.
979.	,,			7717.
980.	,,			7723.
	A number is divisible by		-2318 times the last digit of the number added to the rest of the number is divisible by	
982.	,,			7741.
983.	,,		- 5427	7753.
984.	,,			7757.
985.	,,	7759 "	- 6983	7759.
	A number is divisible by		7-7010 times the last digit of the number added to the rest of the number is divisible by	
987.	**			7793.
988.	"			7817.
989.	••			7823.
990.	A 1 : 1: : 11 1			7829.
	A number is divisible by		-784 times the last digit of the number added to the rest of the number is divisible by	
992. 993.	,,			7853. 7867.
993. 994.	,,			7867. 7873.
994. 995.	,,			7877.
	A number is divisible by	7879 if	7091 times the last digit of the number added to the rest of the number is divisible by	
997.	", "			7883.
998.	,,			7901.
999.	,,			7907.
1000.	,,			7919.