0	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Divisibility Rules

"divisible" means a number is able to be divided evenly with another number with NO remainders!

A number is divisible by…	Definition	Example
2	**The last digit is an even number.**	**2,458** **8 is divisible by 2**
3	**The sum of the digits is divisible by 3.**	**123** **1 + 2 + 3 = 6** **6 is divisible by 3**
4	**The last two digit form a number that is divisible by 4.**	**4,524** **24 is divisible by 4**
5	**The last digit is either a 5 or a 0 (zero).**	**12,390 or 3,475** **both 0 and 5 are divisible by 5**
6	**The number is divisible by <u>BOTH</u> 2 and 3.**	**24** **24 is divisible by BOTH 2 and 3**
7	**You can double the last digit and subtract the sum from the rest of the number, and set an answer that is divisible by 7.**	**672** **2 + 2 = 4** **67 − 4 = 63** **63 is divisible by 7**
8	**The last three digits from the a number that is divisible by 8.**	**1,816** **816 is divisible by 8**
9	**The sum of all the digits is divisible by 9.**	**153** **1 + 5 + 3 = 9** **9 is divisible by 9**
10	**The number ends in a 0 (zero).**	**257,890** **0 (zero) is divisible by 10**