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.	4,5 <mark>24</mark>
		24 is divisible by 4
5	The last digit is either a 5 or a 0 (zero).	12,39 <mark>0</mark> or 3,47 <mark>5</mark>
		both 0 and 5 are divisible by 5
6	The number is divisible by BOTH 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.	67 <mark>2</mark>
		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 = <mark>9</mark>
		9 is divisible by 9
10	The number ends in a 0 (zero).	257,89 <mark>0</mark>
		0 (zero) is divisible by 10