Divisibility Rules

A number is divisible by:	if:
2	it ends in 0, 2, 4, 6, or 8.
3	the *sum* of the digits is divisible by 3.
4	the **number** formed by *the last two digits* is divisible by 4.
5	it ends in 0 or 5.
6	it is divisible by *both* 2 and 3.
7	after taking the *last digit* off the number, doubling it and subtracting the doubled number from the remaining number, the result is evenly divisible by 7.
8	the number formed by the *last three digits* is divisible by 8 *OR* it is divisible by *both* 2 and 4.
9	the *sum* of the digits is divisible by 9.
10	the last digit is 0.
11	after subtracting and then adding the digits in an alternating pattern from left to right, the answer is **-11, 0 or 11.**
12	it is divisible by *both* 3 and 4.
13	after adding *four times* the **last digit** to the remaining leading truncated **number**, the result is **divisible by 13**, then so was the first **number**.