

Divisibility Rules

A number is divisible by:		Examples:
2	if the last digit is 0, 2, 4, 6, or 8 .	3,576 is divisible by 2, because the last digit is 6.
3	if the sum of its digits is divisible by 3 .	357 is divisible by 3 because the sum of the digits $3 + 5 + 7 = 15$, and the number 15 is divisible by 3.
4	if the two last digits are zeros , or the last two digits form a number divisible by 4 .	600 is divisible by 4 because it ends with two zeros. 916 is divisible by 4 because 16 is divisible by 4.
5	if the number ends with 0 or 5 .	210 is divisible by 5 because it ends in 0. 7,415 is divisible by 5 because it ends in 5.
6	if the number is divisible by both 2 and 3 .	96 is divisible by 6 because its last digit is 6 (even) and $9 + 6 = 15$, and 15 is divisible by 3.
8	if the last three digits are zeros or they form a three-digit number that is divisible by 8 .	5,168 is divisible by 8 because 168 is divisible by 8.
9	if a sum of its digits is divisible by 9 .	2,781 is divisible by 9 because $2 + 7 + 8 + 1 = 18$ and the number 18 is divisible by 9.
10	if the last digit is 0 .	370 is divisible by 10, because the last digit is 0.