divisibility rules

a number is divisible by:

2: if the last digit is an even number.

3: if the sum of the digits is divisible by 3.

4: if the last two digits form a number divisible by 4.

5: if the last digit is 0 or 5.

6: if the number is divisible by 2 or 3.

7: if you double the last digit and subtract it from the number and the answer is divisible by 0 or 7.

8: the last three digits are divisible by 8.

9: if the sum of the digits is divisible by 9.

10: if the last digit is 0.