

Name : \_\_\_\_\_

# DIVISIBILITY RULES

A number is divisible by:

2

if its last digit is even (0, 2, 4, 6, 8).

3

if the sum of the digits is divisible by 3.

4

if the last two digits of a number are divisible by 4.

5

if the last digit is either 0 or 5.

6

if the number is divisible by both 2 and 3.

7

if the last digit of the number is doubled and subtracted from the rest of the number and this difference is divisible by 7.

8

if the last three digits of a number are divisible by 8.

9

if the sum of the digits is divisible by 9.

10

if the number ends with 0.

11

if the difference of the alternating sum of digits is a multiple of 11.

12

if the number is divisible by both 3 and 4.