

Name _____

Date _____

Divisibility Rules

$2 \times 5 = 10$
 Factors
 IS 10 divisible
 by 2
 Yes since
 $10 \div 2 = 5$

DIVISIBILITY:

A number is divisible by another number when that number is a factor of the original number.

Divisible by:	Rule	Example
2	Even number Or Ends on 0,2,4,6,8	92 even number
3	sum of the digits is a multiple of 3	123 $1+2+3=6$ 6 is a multiple of 3.
4	Last two digits are a multiple of 4	312
5	Ends in a 0 or 5	525 ends in a 5
6	Divisible by 2 and 3 (even number and sum of the digits is a multiple of 3)	750
8	Last three digits is a multiple of 8	112
9	Sum of the digits is a multiple of 9	846
10	Ends in a 0	430 ends in a 0

WHAT IF A NUMBER IS NOT INCLUDED IN THE CHART ABOVE?

you would divide and see if the quotient is a whole number.