Name: _____ Period: _____

Divisibility Worksheet

Number	Digit Sum	2	3	4	5	6	8	9	10	Number Divisible by:
1248	1+2+4+8= 15	√	√	√		√				2, 3, 4, and 6
15										
16										
27										
28										
36										
57										
70										
75										
91										
93										
102										
144										
150										
168										
195										
225										
256										
268										
316										
450										
549										
1470										
4518										
7120										

Divisibility Rules

2 - The last digit will be 0, 2, 4, 6, 8

3 - The sum of the digits is a multiple of 3 (3654...3 + 6 + 5 + 4 = 18 (18 ÷ 3 = 6))

4 - The last two digits are a multiple of 4 (123**64**....64 ÷ 4=16)

5 - The last digit will be 0 or 5

6 - The number is divisible by **BOTH** 2 & 3

8 - The last three digits are divisible by 8

10 -The last digit will be 0

12 - The number is divisible by **BOTH** 3 & 4

15 - The number is divisible by **BOTH** 3 & 5