

## 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... $3 + 6 + 5 + 4 = 18$  ( $18 \div 3 = 6$ ))
- 4 - The last two digits are a multiple of 4 (12364... $64 \div 4=16$ )
- 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