Name: _____

DIVISIBILITY RULES

DIVISIBILITY RULES		
A number is divisible by	Divisible	Not Divisible
2 if the last digit is even (0, 2, 4, 6, 8)	11 994	2 175
3 if the sum of the digit is divisible by 3.	216	79
4 if the last two digits form a number divisible by 4	1 024	621
5 if the last digit is 0 or 5	15 195	10 007
6 is the number is divisible by 2 and 3	1 332	44
8 if the last three digits form a number divisible by 8	5 336	3 180
9 if the sum of the digits is divisible by 9	144	33
10 if the last digit is 0	2 790	9 325

Use the divisibility rules to complete the table.
Put an **X** in each box if the number is divisible by 2, 3, 4, 5, 6, 9, and/or 10.

	2	3	4	5	6	8	9	10
936								
744								
5 188								
4 335								
1 407								
48 006								
7 064								
12 111								
1 044								
15 195								

CHALLENGE: Use the divisibility rules you know to write a divisibility rule for **15**.