



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

## DIVISIBILITY RULES

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