

Prepared by Sharkk

Number	Rule
2	If the last digit of the number is even.
3	If the sum of all the digits is divisible by 3.
4	If the last two-digits are divisible by 4.
5	If the last digit is either 0 or 5.
6	Test the number against rule for 2 and rule for 3.
8	If the last three-digits is divisible by 8.
9	If the sum of all the digits is divisible by 9.
10	If the last digit is 0.

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Test 1

Number	939	592	3247	9738	71436
2					
3					
4					
5					
6					
8					
9					
10					

Test 2

Number	3495	7344	43845	23274
15				
18				
24				
27				
40				

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Test 1 Solution

Number	939	592	3247	9738	71436
2	N	Y	N	Y	Y
3	Y	N	N	Y	Y
4	N	Y	N	N	Y
5	N	N	N	N	N
6	N	N	N	Y	Y
8	N	Y	N	N	N
9	N	N	N	Y	N
10	N	N	N	N	N

Test 2 Solution

Number	3495	7344	43845	23274
15	Y	N	Y	N
18	N	Y	N	Y
24	N	Y	N	N
27	N	Y	N	Y
40	N	N	N	N