

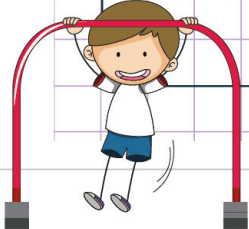
Name: Class:

Divisibility rules

Complete the table below with a yes or no. Give a reason for your answer.



Whole number	Divisible by	Is it true?	Reason
970,665	5		
67,862	5		
1,789,628	2		
2,782,628	3		
4,882,431	2		
982,483	7		
117,649	7		
125,678,910	10		
546,937	4		
100,267,488	4		



Name: Class:

Divisibility rules

Complete the table below with a yes or no. Give a reason for your answer.



Whole number	Divisible by	Is it true?	Reason
970,665	5	Yes	The last digit is five
67,862	5	No	The last digit is not five or zero
1,789,628	2	Yes	The last digit is even
2,782,628	3	Yes	The sum of all the digits in the number is divisible by three
4,882,431	2	No	The last digit is odd (not even)
982,483	7	No	When we double the last digit and subtract it from the rest of the number the difference is not divisible by seven
117,649	7	Yes	When we double the last digit and subtract it from the rest of the number the difference is divisible by seven
125,678,910	10	Yes	The number ends with zero
546,937	4	No	The last two digits of the number is not divisible by four
100,267,488	4	Yes	The last two digits of the number (88) is divisible by four

