

Name

Answer Key

Divisibility

Even Steven

A number is divisible by

2	3	4	5	6	9	10
If it ends in 0, 2, 4, 6, or 8	If the sum of the digits is divisible by 3	If the last two digits form a number that is divisible by 4	If it ends in 0 or 5	If it is divisible by 2 and 3	If the sum of the digits is divisible by 9	If it ends in 0

Complete the table. Write Y (yes) or N (no).

Number	Divisor	Divisible by						
		2	3	4	5	6	9	10
1	540 ÷ 9	✓	✓	✓	✓	✓	✓	✓
2	346 ÷ 3	✓						
3	621 ÷ 9		✓				✓	
4	2,690 ÷ 7	✓			✓			✓
5	5,211 ÷ 9		✓				✓	
6	4,002 ÷ 6	✓	✓			✓		
7	6,732 ÷ 8	✓	✓	✓		✓	✓	
8	9,017 ÷ 7							
9	10,950 ÷ 5	✓	✓		✓	✓		✓
10	12,579 ÷ 4		✓					
11	34,782 ÷ 4	✓	✓			✓		
12	56,712 ÷ 21	✓	✓	✓		✓		
13	67,125 ÷ 21		✓		✓			
14	79,470 ÷ 27	✓	✓		✓	✓	✓	✓