

Name: _____

Date: _____

Mathematics
Divisibility Homework

Divisibility Rules			
2	The number is even.		
3	The sum of the digits is divisible by 3.		
4	The last two digits of the number is divisible by 4.		
5	The number ends in 0 or 5.		
6	The number is divisible by both 2 and 3.		
9	The sum of the digits is divisible by 9.		
10	The number ends in zero.		

(A) Select **ALL** the numbers that are divisible by **BOTH 2 and 5**. (2)

1. 2,780 6,907 2,455 5,500

(B) Select **ALL** the numbers that are divisible by **BOTH 3 and 6**. (2)

2. 3,033 1,300 906 6,480

(C) Answer each item. (5)

3. Write a digit that makes this statement true.

81,7225 **is divisible by 5.**

4. Select **ALL** the digits that make this statement true.

50 _____ **is divisible by 3.**

- (a) 2 (b) 1 (c) 6 (d) 7

5. Which digit makes this statement true? Select the answer.

3 996 4 **0 is divisible by 4**

- (a) 7 (b) 2 (c) 3 (d) 1

6. Is 372,402 divisible by 9? YES NO

(D) Write **Yes** if the number is divisible by the given number. Write **No** if the number is not divisible by the given number. (11)

50	
By 2	
By 3	
By 5	
By 10	

432	
By 2	
By 3	
By 4	
By 6	

6201	
By 4	
By 3	
By 5	