Name _____

Grade _____

Subject: **Mathematics**

Topic: **Number Theory (Divisibility)**

SECTION A

Choose the **BEST** answer from the selection. Write the letter of your answer on the line before the question.

_____ Which of the following are both divisible by 3?

A. 12 and 16 B. 9 and 25 C. 15 and 27 D. 30 and 100

_____ Which of the following are both divisible by 2?

A. 44 and 102 B. 35 and 75 C. 31 and 52 D. 90 and 121

_____ Which of the following is divisible by 5?

A. 132 B. 193 C. 509 D. 780

_____ Which of the following are 120 and 75 both divisible by?

A. 2 B. 3 C. 5 D. 10

_____ Which of the following are divisible by 10?

A. 165 B. 240 C. 399 D. 485

SECTION B

Use the divisibility rules to complete the table. Put an **X** in each box if the number is divisible by 2, 3, 5, or 10

	2	3	5	10
936				
744				
5,180				
3,405				
18,006				

SECTION C

Write the number from the box that is divisible by the following. Use each number only once.

4,310	**1,001**	**9,105**
3,042	**1,628**	**2,113**

A. Which is divisible by 2? _____

B. Which is divisible by 3? _____

C. Which is divisible by 5? _____

D. Which is divisible by 10? _____