

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?
