

Directions: Select the letter of the correct answer for each question below.

- 1) Which of the following is NOT divisible by 3?
 - a) 3285
 - b) 8912
 - c) 4311
 - d) 9015

- 2) Which of the following is a possible value of Q so that 92Q0 is divisible by 4?
 - a) 2
 - b) 7
 - c) 3
 - d) 1

- 3) A certain number is an even number but it is not divisible by 6. Which of the following might explain why that number is not divisible by 6?
 - a) the sum of the number's digits is not divisible by 6
 - b) the number is not divisible by 2
 - c) the number is not divisible by 3
 - d) None of the above

- 4) Which of the following is divisible by 9?
 - a) 42 1500
 - b) 903 210
 - c) 105 480
 - d) 320 100

- 5) How many numbers from 1 to 100 can be a possible value for A so that 432 31A is divisible by 2?
 - a) 15
 - b) 25
 - c) 35
 - d) 50