Lab Assignment #3

This lab is due at 12:30 PM on Monday, 9/9 and is worth 10 points. This part may be done individually, or in a group of 2, 3, or 4 people.

1) Test each number for divisibility by 4, 5, 8, 9, 10, 11, and 12.
No calculator. Explain your reasoning for each answer.

a) 126,236

b) 2,879,352

c) 4,248,421

d) 153,950

2) Determine if each number is prime. If it is prime, show your reasoning. If it is not prime, find at least one proper factor (a factor not equal to 1 or the number in question.)

a) 113

b) 117

c) 287

d) 289

e) 293