Divisibility Pop Quiz

Given the number 246,132

1) Is it divisible by 3?

2) How can you tell?

3) Is it divisible by 6?

4) How can you tell?

5) Is it divisible by 9?

6) How can you tell?

Given the number 3,450. Show which numbers it is divisible by below.

What number should I put at the end of 8,76_ to make it divisible by

1) 5 and not 10   _____

2) 10 _____

3) 3 and not 6   _____

4) 6 _____

5) 9 _____

Is it possible for a number to be divisible by nine and not by three? Explain.