Be a Detective! 2

Optional Challenge due Monday

Name _____

All of the mystery numbers below are between 20 and 99.
Use the clues to find each mystery number.

1. The mystery number is an even number.
   - The digit in tens place is half the digit in ones place.
   - The sum of the digits is 12.
   The mystery number is _____

2. The mystery number is an odd number.
   - The digit in tens place equals the digit in ones place.
   - The sum of the digits is more than 10 and less than 15.
   The mystery number is _____

3. The mystery number is an even number less than 50.
   - The digit in tens place is odd.
   - The sum of the digits is 9.
   - The digit in tens place is half the digit in the ones place.
   The mystery number is _____

4. The mystery number is an even number.
   - Half of the digit in tens place is 3.
   - The sum of the digits is 10.
   The mystery number is _____

5. The mystery number is an even number.
   - The digit in tens place is 3 more than the digit in ones place.
   - The sum of the digits is less than 5.
   The mystery number is _____

6. Both digits in the mystery number are odd numbers.
   - The digit in tens place is 4 more than the digit in ones place.
   - It is the largest number that fits the clues.
   The mystery number is _____