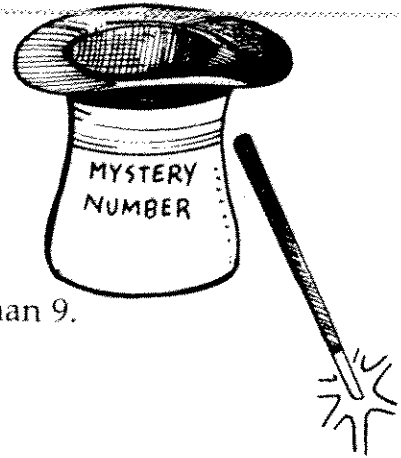


Date \_\_\_\_\_

Name \_\_\_\_\_

# Name the Number

Use the clues to identify the secret number.



1. I am a 2-digit odd number.  
The digit in my tens place is 1 less than 9.  
The sum of my digits is divisible by 3.  
If you count by 4s beginning with 75, you'll find me.  
I am \_\_\_\_\_.
2. The digit in my tens place is greater than 5, but less than 9.  
The tens digit is twice as much as the ones digit.  
I am a multiple of 3 and 7.  
The sum of my digits makes an odd number.  
Both of my digits are divisible by 3.  
I am \_\_\_\_\_.
3. I am greater than 100.  
The sum of my digits is 13.  
I am less than the number of years in 2 centuries.  
I am a multiple of 5.  
I am \_\_\_\_\_.
4. I am greater than 40,000 and less than 65,000.  
The digits in the ten thousands and the one thousands place are the same.  
Count by 11,000 to find me.  
The sum of my digits is a 2-digit number.  
I am \_\_\_\_\_.
- \* 5. Be careful. This one is much harder.  
I am a 4-digit even number.  
I am less than 2500.  
The digits in my hundreds and tens places are different.  
The digits in my hundreds and tens places are less than the digit in the one thousands place.  
The sum of my last 2 digits equals 9.  
I am \_\_\_\_\_.

**Challenge** Choose a partner and create a puzzle for classmates to solve. Be careful to eliminate all possible answers except one.

## Questions

- Is there only one possible answer for each riddle? Why?
- Do you notice a pattern for the clues? How does this help you solve the riddle?