

## Mind Workout

Date: \_\_\_\_\_

Ruby and Sam are playing a number guessing game.

Ruby thinks of a 3-digit number and she gives Sam three clues to guess the number.

- Clue 1      When the number is divided by 9 it has no remainder.  
Clue 2      When the number is divided by 10 it has a remainder of 3.  
Clue 3      When the number is divided by 100 it has a remainder of 83.

What is the 3-digit number?



Guess the  
3-digit number.

It is divisible by 9.

