Math 7 – Number Problems

Problem #1:

* I am a three-digit whole number less than 150.
* I am an odd number.
* I am a multiple of 5.
* I am divisible by 3.
* The sum of my digits is an odd number.

What number am I?

Problem #2:

* I am the product of an even and odd number.
* I am less than 40 and greater than 20.
* The sum of my factors is 11.
* The difference between my factors is 1.

What number am I?

Problem #3:

* I am a three-digit whole number.
* I am an odd number.
* I am divisible by 5.
* I am less than 400.
* The sum of all my digits is 17.

What number am I?

Problem #4:

* I am a three-digit whole number.
* I am less than 400.
* I am an even number.
* I am a palindrome.
* None of my digits is a zero.
* My tens digit is less than my hundreds digit.

What number am I?

Problem #5:

* I am a three-digit whole number.
* I am divisible by 4, 5 and 9.
* The difference between my hundreds digit and my tens digit is 1.

What number am I?

Problem #6:

* I am an even four-digit number less than 1235.
* Each of my digits is different and their sum is 10.
* My ones digit is greater than the rest.
* I am not divisible by 5.
* I am not a palindrome.

What number am I?

Problem #7:

* I am a three-digit whole number less than 600.
* I am a palindrome.
* I have only two different digits.
* All my digits are odd.
* The sum of all my digits is 17.
* I am divisible by 5.

What number am I?

Problem #8(challenging):

* I am a four-digit whole number greater than 6000 and less than 8000.
* I am divisible by 6 and 8.
* Each of my digits is different.
* I have three even digits, the sum of which is 12.
* My tens digit is odd.

What number am I?