What Number am I?

Use divisibility rules and the clues below to figure out the mystery number. If there is more than one number that fits the description list all of the numbers that are possible. Do not use a calculator.

1. I am an even 2-digit number between 40 and 90 that is divisible by 3 and 7, but **not** divisible by 10 . (2 answers)

2. I am a 2-digit number that ends in a 4 but is **not** divisible by 3 or 4. (4 answers)

3. I am an even 2-digit number greater than 50 and less than 100 that is divisible by 6, and 9, but **not** divisible by 5. (2 answers)

4. I am a number that is divisible by 2, 3, 4, and 5 and is less than 200. (3 answers)

5. I am a multiple of 5 between 100 and 200 that is divisible by 4 and 6, but **not** divisible by 8. (1 answer)

6. I am an odd number between 120 and 150 that is divisible by 11 but **not** divisible by 5 and does not end in 7 or 9. (2 answers)

7. I am a 3-digit number that has a 2 in the hundreds place and is divisible by 2, 3, 4, and 5. (1 answer)

8. I am an odd number between 100 and 200 that is divisible by 9, but **not** divisible by 5. (4 answers)

9. I am a 4-digit number between 5200 and 5300 that is divisible by 10 and 11. (1 answer)

10. I am a 3-digit odd number that has a 3 in the hundreds place, is divisible by 7, but is **not** divisible by 5, and has no ones or sevens in it. (3 answers)

11. I am a number that is greater than 600 but less than 700. The sum of my digits is 18 and I am **not** divisible by 2, 5, 7, or 11. (2 answers)