NUMBER SYSTEM

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Q1. Write the largest and the smallest 3-digit number that can be formed using 2, 0 and 8 without repeating any digit.

Answer: Largest 3-digit number: _____

Smallest 3-digit number: _____

Q2. Fill in the blanks:

a. The place value and face value of any digit in any number will be the same if and only if the place value of the digit is _____.

b. The largest 5 digit number with 6 in the tens place is _____.

c. There are _____ numbers between 7850 and 1200.

d. The sum of _____ and 51006 is 89705.

Q3. Write the largest 6-digit number that can be formed using the digits 5, 7, 0 and 9.(repetition is allowed)

Answer: _____

Q4. How many 2 digit numbers do not change on reversing the digits?

Answer: _____

Q5. Find the sum of place values of the three 7's in 786707.

Answer: _____

Q6. Find the product of the largest 3 digit number and its successor.

Answer: _____

Q7. Form the largest and the smallest 3-digit number formed using the digits 2, 5 and 9. How many whole numbers are there between them?

Largest number: _____

Smallest number: _____

Whole numbers between them: _____

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Q8. Fill in the blanks using properties of multiplication:

    a. $7896 \times 234 =$ _____ $\times 7896$

    b. $2156 \times 10000 =$ _____

    c. $784 \times$ _____ $= 7840000$

    d. $91912 \times$ _____ $= 0$

Q9. Divide:

    a. $786 \div 1 =$ _____

    b. $0 \div 172 =$ _____

    c. $912 - 7600 \div 76 =$ _____

    d. $128 + 593 \div 593 =$ _____

Q10. Which is the greatest 6-digit number that is exactly divisible by 24?

    Answer: _____

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ANSWERS

1. Largest: 820, Smallest: 208
2. a. Ones
   b. 99969
   c. 6649
   d. 38699
3. 999750
4. 9
5. 7,00,707
6. 9,99,000
7. Largest number: 952
   Smallest number: 259
   Whole numbers between them: 692
8. a. 234
   b. 21560000
   c. 10000
   d. 0
9. a. 786
   b. 0
   c. 812
   d. 129
10. 9,99,984