Class VI

MATH QUESTION BANK

TOPICS: KNOWING OUR NUMBERS, PLAYING WITH NUMBERS, WHOLE NUMBERS

1. Write the greatest 4 digit number using different digits with 5 in the ten's place?
2. Write the standard unit and smaller unit of capacity measurement.
3. A bottle contains 520 ml of mustard oil. What is the total quantity of oil contained in 25 such bottles ?
4. What is the difference of the greatest 6 digit number and the smallest 4 digit number?
5. A bottle contains 300 ml water. What is the total quantity of water contained in 20 such bottles?
6. What will be the smallest five digits and greatest five digit numbers using digits 1,0,5, 4,8.
7. The standard numeral of fifty nine crore, fifty lakh, sixty three thousand, seven hundred, twenty, two is…….

8. Insert commas suitably and write the names according to International System of Numeration :
   (a) 523427310 (b) 0013003002
   (c) 403010009 (d) 750043109
9. Write the number names of the following numbers in Indian system.
   (a) 364953 (b) 8495472
   (c) 267300375 (d) 453764894
10. Fill in the blanks:
   (a) 2 arab = _____ billion.
   (b) 4 million = _____ lakh.
   (c) 3 crore = _____ hundred thousand.
   (d) 29 billion = _____ lakhs.
11. Give a rough estimate (by rounding off to nearest thousands) and also a closer estimate (by rounding off to nearest hundreds) :
   (a) 636 + 6,432 (b) 34,569 – 5,991
   (c) 4,331 – 679 (d) 7,84,356 – 7,00,879
12. Find using distributive property :
   (a) 827 × 101 (b) 8793 × 1001
   (c) 379 × 55 (d) 178 × 95

13. Determine the difference of the place values of two 7's in 257839705

14. Write the smallest three digits numbers which does not change if the digits are written in reverse order.

15. Find the difference between the number 279 and that obtained by reversing its digits.

16. Write the greatest 7-digit having three different digits.

17. Find the difference of the place value and the face value of the digits 2in 3124698.

18. Write all possible three digit numbers using the digits 6,0,4,when (1)repetition of the digits are not allowed (2) repetition of the digits are allowed

19. Determine the product of the place values of two 5's in 259659

20. In a four digit number the digit at the thousand's place is 4 and the digit in the one,s place is twice that in thethousand's place.The numbers has no hundreds.The ten's place digit is the difference between the digits in the thousand's place and the hundred's place .Find the number.
21. Which digit have the same place value and the face value in 67821904.

22. A certain nine digit number has only ones in ones period,only two's in the thousand period and only threes in millions period .Write this number in words in the Indian system.

FILL IN THE BLANKS:

1.The whole number which is not a natural number is _____ .

2.The natural number whose predecessor does not exist is _____ .

3.There are _____ whole numbers up to 75.

4.Predecessor of 2, 90, 099 is _____ .

5.There are _____ natural numbers up to 80.

6.The additive identify for whole numbers is _____ .

7.The statement (3 + 5) + 6 = 3 + (5 + 6) shows that addition of whole numbers is _____ .

8._____ is the multiplicative identity of whole numbers.

9. 6 x (7 + 3) = (6 x 7) + (6 x 3). This statement shows that multiplication of whole numbers is _____ over addition.

10. (3 x 5) x 9 = 3 x (5 x 9). This statement shows that multiplication of whole number is _____ .

11. _____ is the only whole number which when divided by it self gives a quotient equal to itself.

I. MULTIPLE CHOICE QUESTIONS.

(a) Additive identity of whole number is _____(1,0,2,10)

(b) The sum of successor and predecessor of 1000 is _____(1999,1001,2000,1111)

(c) The smallest whole number is _____(0,1,2,10)

(d) Which number has no predecessor in whole numbers?(1,2,10,0)

(e) The predecessor of smallest 5 digit number is_____(9999,100001,99,0)

(f) 6 ×(4+3) = 6×4 +6×___(6,4,3)

(g) 2×49×50 = 50×___×2 (2,49,50)

(h) Which is an example of Commutative Property?(a.21×1=21,b.5×(6+7)=5×6+5×7,c.12+32=32+12,d.12+0=12)

(i) Name the property used "16×32 is a whole number"(closure,commutative,associative,distributive)

(j) Name the property used"1489×1=1489"(Identity of multiplication,closure,distributive)

II SOLVE

1. How many whole numbers are there between 63 and 82?
2. Write the successor of largest 3 digit number
3. Find using number line a.3+4 b.4×2 c .8-3

4. Find the sum by suitable arrangement and mention the property used
   a. 878+3409+122 b. 1983+647+217+353 c. 756+638+4244+4362

5 . Find the product using suitable arrangement,mention the property used

a.8×453×125 b. 2×2867×50 c. 4×1498×25 d. 30×6×5×9

6 Find the value using suitable property and mention the property used

a. 235×998 b.473×119-19×473 c. 252×103 d.577×1004 e.445×96
f. 789×99+789 g. 825×998+825×2 h.972×12-972×2