Grade : III

Sub : Mathematics

Worksheet

Place Value conversion 4 - digits

As we move a place to the left on the place

Value chart, the value gets ten times bigger.

Th	H	T	O
			8
		8	0
	8	0	0
8	0	0	0

8 tens= 8 ones x 10 = 80 ones

8 hundreds = 8 tens x 10 = 80 ones

8 thousands = 8 hundreds x 10 = 80 hundreds

Workout these missing conversion facts

1)	5 hundreds = _____ ones	2)	60 ones = _____ tens
3)	7 thousands = _____ hundreds	4)	30 tens = _____ hundreds
5)	60 ones = _____ tens	6)	3 thousands = _____ hundreds
7)	50 hundreds = _____ thousands	8)	1 thousand = _____ ones
9)	8 hundreds = _____ ones	10)	40 ones = _____ tens
11)	4 thousands = _____ tens	12)	80 hundreds = _____ thousands
13)	30 tens = _____ ones	14)	_____ hundreds = 400 ones
15)	70 tens = _____ hundreds	16)	5 hundreds = _____ tens
17)	60 tens = _____ hundreds	18)	4000 ones = _____ thousands
19)	50 tens = _____ ones	20)	4000 ones = _____ hundreds
21)	_____ thousands = 200 tens	22)	_____ hundreds = 9 thousands

PUZZLE TIME – find the answer to the riddle below in the table!

- I am worth more than 30 hundreds.
- I am less than 7000 ones.
- My tens digit is greater than my ones.
- I am a multiple of 5.
- Who am I?

3726	5290	6423
7185	4428	5925

OLYMPIAD WORKSHEET

1) If you add 1 to the greatest 4 digit number, what do you get?
      a) 9999   b) 10000   c) 1000   d) 19999

2) Which is the greatest 4 digit number in which all digits are different?
      a) 1234   b) 1000   c) 9876   d) 9999

3) What is the difference between the successor and predecessor of a number?
      a) 1   b) 0   c) 3   d) 2

4) The smallest 4-digit number formed by the digits 6, 0, 1 is _____.
      a) 0061   b) 1600   c) 1006   d) 1106

5) A number at the midway point is always _____.
      a) round down   b) round up   c) all of the above   d) none of these

6) What is the consecutive odd number?   21, 23, _____, 27, 29
      a) 24   b) 25   c) 26   d) none of these

7) What is the standard form of $7000 + 800 + 20 + 5$?
      a) 7, 285   b) 7, 825   c) 7, 852   d) 7, 528

8) Which of these numbers have more tens?
      a) 879   b) 789   c) 997   d) 907

9) The number system contains _____ digits.
      a) 9   b) 10   c) 8   d) 100

10) The _____ and _____ of 0 is always 0.
      a) successor and predecessor   b) face value and place value
      c) predecessor and place value   d) successor and face value

11) We get the largest 4-digit numeral by adding one to _____.
      a) 9980   b) 9998   c) 9987   d) 9899

12) The predecessor of a numeral can be formed by _____ one from the numeral.
      a) dividing   b) adding   c) multiplying   d) subtracting

13) How many numbers have exactly 3 digits?
      a) 909   b) 90   c) 900   d) 99

14) Place value and face value will be the same in the _____ place.
      a) ones   b) hundreds   c) tens   d) thousands

15) $x + x + v =$ _____
      a) 45   b) 40   c) 25   d) 15
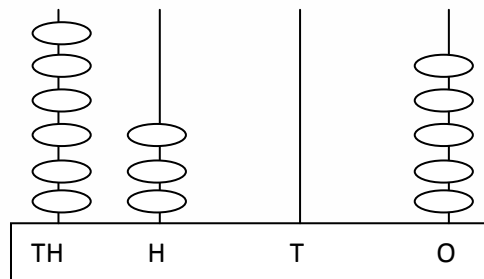
TOPIC SHEET

Acquisition Based Questions

I. Fill in the blanks:

1. India got freedom in <u>1</u>947, Write the place value of the digit in the box.

2. The numbers that cannot be put into pairs are called _____ numbers.

3. When two numbers have the same value, the _____ sign is used to express the relationship between them.

4. The place value of 7 in 8702 is 70 _____ (True/False)

5. Number comes between 9179 and 9181 is _____.

II. Do the given sums:

1. Label the numbers placed on the abacus and write the place value of each number.

2. Write the numerals in number name:

      a) 2582   b) 9058

3. List the odd numbers between 21 and 50.

4. Name the largest 4 digit even number.

Application Based Questions

1. Construct greatest 4 digit number using the digits 2, 8, 6, 5

2. Solve: Round to the nearest 10: 58

3. Find the successor of 7399

Assimilation Based Questions

1. Evaluate the distance between Gujarat and Punjab and write in expanded form.

2. I am the three digit number. I am greatest than 125 but less than 135. When you add my digits, the total is 4. Justify my number.

3. Generate the new numeral: If 8 is shifted to the hundreds place and 6 is shifted to the place in 7681 then find the new numeral.

Adaptation Based Questions

1. Develop the number with the help of place value blocks and show it in the place value chart: 8450

2. Propose your answer by finding the difference between '5' in hundreds place and 5 in ones place: 7505

3. Explore me 'I'm a 4 digit number.

> i) Number of legs is a spider is in my tens place.

> ii) Number of human's right hand fingers in my ones place.

> iii) Number of dogs legs is in hundreds place.

> iv) Numbers of heads in human body is in my thousands place.

Online Resources

Cambridge Resources

Which game is which?

Let's investigate

Here are three unfinished HTO games. The learners were trying to make the lowest number, the highest number and the closest number to 500.

But which game is which? How do you know?

Game 1		
Player 1		
	5	7
Player 2		
	3	8

Game 2		
Player 1		
4		9
Player 2		
	7	2

Game 3		
Player 1		
	5	1
Player 2		
6		2

Play a round of HTO, stopping after four digit cards have been placed.

Challenge some learners to tell you which game you were playing.

1. Here are four digits.

| 7 | 4 | 9 | 1 |

a) Make the biggest three - digit number you can with any three of these digits.

b) Make the smallest three - digit number you can with any three of the digits in question 1.

2) a) What is the largest three - digit number you can make with a set of digit cards?

b) What is the largest three - digit number you can make with a set of hundreds, ten's and ones place value cards?

3) a) What is the smallest three - digit number you can make with a set of digit cards?

b) What is the smallest three - digit number you can make with a set of hundreds, ten's and ones place value cards?

4) Which number needs to go in each underline place?

   a) ------------ $+ 20 + 1 = 421$

   b) $100 +$ --------- $+ 8 = 148$

   c) -------- $+ 70 + 7 = 777$

   d) $800 +$ --------- $+ 5 = 865$

5) a) Which is less, 4 hundreds or 44 tens? How do you know?

b) Which is more 8 hundreds or 88 tens ? How do you know?

c) Which is less, 2 tens and 3 ones or 3 tens and 2 ones? How r o you know?

Library Resources

Ref Maths time book list out the numbers from book page number from 5 to 10.

* Write the number name   * Find the expanded form   * Round to the nearest 10